

69-C, National Highway, KARACHI



GENERAL NOTES:-

A - GENERAL:-

- A1. STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS. IN CASE OF DIFFERENCE CONSULT ARCHITECT/ STRUCTURAL ENGINEER BEFORE PROCEEDING WITH THE CONSTRUCTION.
- A2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION.
- A3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER SETTING OUT OF WORKS, FOR CORRECTNESS OF POSITION, LEVELS AND ALIGNMENTS OF ALL PARTS OF THE WORKS, AND FOR QUALITY AND FINAL FINISHES AT ANY TIME DURING THE PROGRESS OF WORKS.
- A4. IF ANY ERROR IS DETECTED IN ANY PART, THE CONTRACTOR SHALL RECTIFY IT AT HIS OWN EXPENSE. THE CHECKING / APPROVAL DONE BY THE ENGINEER SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES.
- A5. IN CASE OF DISCREPANCIES IN DETAILS OR MISSING DETAILS, THE ENGINEER SHALL BE APPROACHED FOR DECISION PRIOR TO TAKING ANY ACTION. THE ENGINEER'S DECISION SHALL BE FINAL WITHOUT ANY EXTRA CLAIMS.
- A6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE NOTIFIED, IN WRITING TO ENGINEERS AND ARCHITECTS FOR RESOLUTION. ALL SETTING-OUT SHALL BE TAKEN FROM THE ARCHITECT'S DRAWINGS.
- A7. CONTRACTOR SHALL PREPARE AT LEAST 6 CUBES OR CYLINDERS FOR EACH POUR AND SHALL SUBMIT THE TEST REPORTS TO ARCHITECT/ STRUCTURAL ENGINEER. TEST TWO CUBES/CYLINDERS EACH FOR 7 & 28 DAYS FOR CRUSHING STRENGTH. IN CASE OF CUBES/CYLINDERS NOT CAST, CONTRACTOR WILL BE RESPONSIBLE FOR NEGLIGENCE AND APPROPRIATE PENALTY WILL BE APPLIED.
- A8. DISTRIBUTION REINF. FOR 5"TH. SLAB $\#3@9"$ c/c , 6"TH.= $\#3@9"$ c/c , 7"TH.= $\#3@8"$ c/c , 8"TH.= $\#3@7"$ c/c.
- A9. HEIGHT OF CHAIR 5"TH.= $5-0.75-0.75-375-0.375 = 2.75"$, 6"TH.= $3.75"$, 7"TH.= $4.75"$, 8"TH.= $5.75"$, ETC. , TO ACHIEVE "EFFECTIVE DEPTH d" = $h-3/4"$ SHALL BE PLACED ON TOP OF MAIN BARS NOT ON SHUTTERING & MAX. SIZE OF CHAIR WIDTH SHALL NOT BE BIGGER THAN 1'-6".
- A10. "In" IS CLEAR SPAN b/w (COL TO COL) & (BEAM TO BEAM)
- A11. "L" IS C/C SPAN b/w (COL TO COL) & (BEAM TO BEAM)
- A12. VALUE OF "In" OR "L" IN 0.2In, 0.22In, 0.3In, L/4 & L/5 SHOULD BE GREATER OF ADJACENT SPANS ON BOTH SIDES OR 540 WHICH EVER IS GREATER FROM FACE OF SUPPORT(MINIMUM 3'-0") UNLESS OTHERWISE SHOWN.
- A13. FOR BOTTOM STEEL OF SLAB, IF SPACING IS 6" OR LESS, THEN CURTAIL ALTERNATE BOTTOM BARS AT CONTINUOUS END AT L/6 FROM CENTER OF SUPPORT UNLESS, OTHERWISE SHOWN.
- A14. CAMBER IN SLAB & BEAM TO BE PROVIDED AS PER GIVEN FORMULA ON DRAWINGS.
- A15. DO NOT SCALE ANY BAR LENGTH OR DIMENSIONS.
- A16. ALL DETAILS ON DRAWING MUST BE STRICTLY FOLLOWED, SPECIALLY "ELLS" AT DISCONTINUOUS ENDS OR WHERE SHOWN.
- A17. " " STANDS FOR AS PER ARCHITECTURE.
- A18. STRUCTURE DESIGNED FOR (BASEMENT+GROUND+4 STORIES)
- A19. IN CASE OF U.G.W.TANK FOOTING TOP WILL BE BOTTOM SLAB TOP OR AS PER SECTION.
- A20. ALL LAPS TO BE STAGGERED AS PER AVAILABLE LENGTH UNLESS OTHERWISE SPECIFIED.
- A21. DO NOT STORE SAND OR DEBRIS IN ONE ROOM EXCEEDING DESIGN LIVE LOAD OR 40 PSF WHICH EVER IS GREATER.
- A22. DRAWINGS ARE NOT FOR CONSTRUCTION WITHOUT FINAL APPROVAL OF CONCERNED AUTHORITY.
- A23. USE ONLY BLUE PRINTS FOR CONSTRUCTION.
- A24. ALL DOTTED REINFORCEMENT IS TOP REINFORCEMENT.
- A25. IN ALL BASEMENT WALLS BACK FILLING SHOULD BE DONE AFTER CASTING GROUND FLOOR SLAB OR PROPER ARRANGEMENT SHOULD BE DONE FOR BASEMENT WALLS TO BEHAVE AS A PROPPED CANTILEVER.
- A26. IN ORDER TO SAFEGUARD ADJACENT BUILDINGS, EXCAVATION SHOULD BE DONE IN PARTS AS PER EXCAVATION PLAN.
- A27. ALL COLUMNS WITHIN U.G.W.TANKS SHALL BE 1 1/2" LARGER ON ALL SIDES FROM COLUMN SIZE DEFINED IN COLUMN SCHEDULE.
- A28. RETAINING WALL REINFORCEMENT SHOULD ALSO PASS THROUGH COLUMN.
- A29. BEAM RINGS SHOULD PASS THROUGH THE POINT LOADS THAT LIES IN THE SPAN.
- A30. IN FLOOR BEAMS, TOP REINFORCEMENT BARS SHOULD BE LAPPED WITHIN MIDDLE HALF OF THE SPAN.
- A31. IN FLOOR BEAMS, BOTTOM REINFORCEMENT BARS SHOULD BE LAPPED AT SUPPORTS.
- A32. CONTRACTOR TO ESTABLISH AND VERIFY ALL LEVELS, OPENINGS ETC. FROM ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING PRIOR TO CONSTRUCTION.
- A33. EXAMINE THE DRAWINGS CAREFULLY BEFORE COMMENCING THE WORK AND IF ANY DISCREPANCIES FOUND, REPORT TO THE ARCHITECT/ STRUCTURAL ENGINEER AND OBTAIN CLARIFICATIONS OR ADDITIONAL INSTRUCTIONS BEFORE PROCEEDING.
- A34. DO NOT COVER ANY INTERNAL EXECUTED WORKS BEFORE BEING CHECKED AND APPROVED BY THE ARCHITECT/ STRUCTURAL ENGINEER.
- A35. CONTRACTOR SHOULD SUBMIT THE SHOP DRAWINGS FOR APPROVAL.
- A36. REINFORCEMENT LINE TYPE ON THE STRUCTURAL DRAWINGS.
----- =TOP REINFORCEMENT.
————— =BOTTOM REINFORCEMENT.
- A37. SOIL SHALL BE BACKFILLED AGAINST ALL RETAINING WALLS AFTER THE TOP SLAB HAS BEEN CASTED.
- A38. ALL MASONRY WALLS ARE HOLLOW/LIGHT WEIGHT.
- A39. CONDUITS ARE EMBEDDED SIDE BY SIDE ATLEAST 1" GAP SHOULD BE PROVIDED BETWEEN EACH AND LAYED BETWEEN BOTTOM AND TOP BARS ONLY. IF MORE THAN FOUR CONDUITS LAYED PARALLEL AND NO TOP REINFORCEMENT IS PRESENT. PROVIDE $\#3@12"$ C/C EVEN IF NOT SHOWN IN STRUCTURAL DRAWINGS.
- A40. ALL REINFORCEMENT IN NUMERICAL DIRECTION WILL BE IN OUTER LAYER.
- A41. MAXIMUM ALLOWED NUMBER OF BARS IN ONE LAYER FOR DIFFERENT WIDTHS OF BEAM, FOR:
8" & 10" BEAM WIDTH = 3 BARS IN ONE LAYER
12" BEAM WIDTH = 4 BARS IN ONE LAYER
15" BEAM WIDTH = 5 BARS IN ONE LAYER
18" BEAM WIDTH = 6 BARS IN ONE LAYER
21" BEAM WIDTH = 8 BARS IN ONE LAYER
24" BEAM WIDTH = 9 BARS IN ONE LAYER

B - REINFORCEMENT

- B1. MATERIAL DENSITIES CONSIDERED
PLAIN CONCRETE = 144 PCF
REINFORCED CONCRETE = 150 PCF
BLOCK MASONRY = 120 PCF
SOIL = 120 PCF
WATER = 62.4 PCF
- B2. CONCRETE SHALL DEVELOP 28 DAYS CUBE STRENGTH FOR COLUMN/ SHEAR WALL/RETAINING WALL $f_c = 5000$ PSI , ALL OTHER CONCRETE $f_c = 3600$ PSI
- B3. ADD 5% SILICA FUMES OR 20% FLY ASH FOR ALL CONCRETE STRUCTURE UPTO ROAD LEVEL.
- B4. ALL STEEL IS "60" STEEL WITH MINIMUM YIELD STRENGTH OF 60000 PSI AND CONFIRMING TO ASTM A615 FOR DEFORMED BARS.
- B5. CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI- 318-05.
- B6. REINFORCEMENT SHALL BE HOT ROLLED DEFORMED BARS COMPLYING WITH ASTM A615.
- B7. PROVIDE A MINIMUM OF 24 HOURS NOTICE TO THE ENGINEER FOR INSPECTION OF ALL REINFORCING STEEL PRIOR TO PLACING CONCRETE.
- B8. ALL SAMPLING AND TESTING OF CONCRETE SHALL BE IN ACCORDANCE WITH CLAUSES 5.6.2 TO 5.6.5 IN ACI-318-05. ALL THE RESULTS SHALL BE FORWARDED DIRECTLY TO THE ENGINEER.
- B9. CORE DRILLING OF ANY REINFORCED CONCRETE ELEMENTS OF THE WORK SHALL NOT BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
- B10. SOIL SHALL BE BACKFILLED AGAINST ALL RETAINING WALLS AFTER THE TOP SLAB HAS BEEN CAST.
- B11. CONTRACTOR SHALL SUBMIT DETAIL CONCRETE MIX DESIGN. ADMIXTURE CAN BE USED TO REDUCE W/C RATIO. MIX DESIGN SHALL ALSO CONTAIN THE DURABILITY PROVISIONS SUCH AS, WATER PENETRATION, WATER ABSORPTION AND AMBIENT PEAK TEMPERATURE, ETC. AS SPECIFIED.
- B12. REINFORCEMENT DETAILS SHOWN ARE INDICATIVE. THE CONTRACTOR SHALL PREPARE DETAILED SHOP DRAWINGS & FULL BAR BENDING SCHEDULES IN ACCORDANCE WITH THE DESIGN DRAWINGS AND SPECIFICATIONS FOR THE ENGINEER'S APPROVAL ATLEAST TWO WEEKS PRIOR TO COMMENCEMENT OF R.C. WORK AND AFTER COORDINATING WITH ALL CONCERNED PARTIES.
- B13. METHOD OF CONCRETE CURING SHALL BE APPROVED BY THE ENGINEER AND SHALL LAST A MINIMUM OF SEVEN (7) DAYS.
- B14. ABBREVIATIONS USED ON THE STRUCTURAL DRAWING FOR REINFORCEMENT:
1. SLAB/FOUNDATION:
BOTTOM STEEL a3,b3,a4,b4,..... ETC.
TOP STEEL A3,B3,A4,B4,..... ETC.
WHERE a,b & A,B ETC. 3 & 4 REPRESENT Ø OR # OF STEEL BAR
2. BEAM SHEAR REINFORCEMENT:
BEAM/SHEAR WALL RINGS a,b,c,..... a2, b2,.... ETC
COLUMN TIES a,b,c,..... ETC
WHERE "2" BEFORE ALPHABET REPRESENTS DOUBLE RING (D.R).

C - HOOKS AND BENDS

- C1. THE TERM "STANDARD HOOKS" AS USED IN THIS DWG. SHALL MEAN ONE OF THE FOLLOWING:
180-DEG. BEND PLUS (4 db) EXTENSION, BUT NOT LESS THAN 2 INCH AT FREE END OF BAR.
90-DEG. BEND PLUS (12 db) EXTENSION, AT FREE END OF BAR.
FOR STIRRUPS AND THE HOOKS 135-DEG. BEND PLUS EXTENSION, AT LEAST (6-db) BUT NOT LESS THAN 3 INCH AT FREE END OF BAR.
- D1. THE POSITION AND TREATMENT OF CONSTRUCTION JOINTS SHALL BE TO THE APPROVAL OF ENGINEER.
- D2. SURFACE OF CONCRETE CONSTRUCTION JOINT SHALL BE CLEANED AND LAITANCE REMOVED.
- D3. CONSTRUCTION JOINT SHALL BE SO MADE AND LOCATED AS NOT IMPAIR THE STRENGTH OF THE STRUCTURE.

E - COVERS.

- E1. PROVIDE CLEAR COVER ,UNLESS OTHERWISE SPECIFIED

- a) FOUNDATIONS =3" BOTTOM, TOP & SIDES TO MAIN REINFORCEMENT
b) COLUMNS/ SHEAR WALLS =1 1/2" TO MAIN REINFORCEMENT
c) SLAB =3/4" TO MAIN REINFORCEMENT
d) BEAMS =1 1/2" TO MAIN REINFORCEMENT TOP & BOTTOM
f) BEAMS =1" FROM SIDES
g) RETAINING WALL, TIE SLAB & TANK =1" TO MAIN REINFORCEMENT

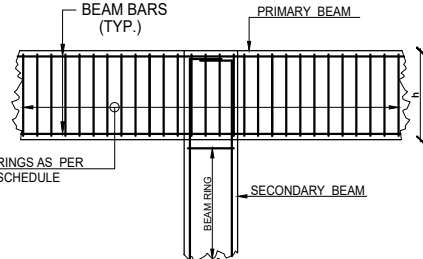
F - CODES OF PRACTICE AND LOADINGS

- F1. THE FOLLOWING CODES OF PRACTICE HAVE BEEN USED IN THE DESIGN FOR THE PROJECT:
1. BUILDING CODES REQUIREMENT FOR STRUCTURAL CONCRETE (ACI-318-05), BUILDING CODE OF PAKISTAN, SEISMIC PROVISIONS-2007
2. SEISMIC CRITERIA
STRUCTURE DESIGNED FOR ZONE 2
SOIL PROFILE TYPE AS PER SOIL REPORT "C "

- F2. IMPOSED LOADING:

DESIGN LIVE LOAD

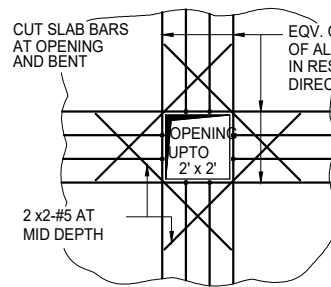
GROUND FLOOR = 50 PSF
TYPICAL AND ROOF = 50 PSF



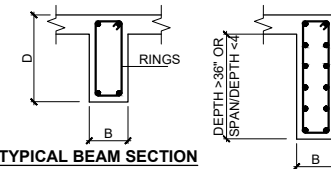
TYP. BEAM/BEAM CONNECTION

G - FOUNDATION AND SOIL

- G1. PILE CAPACITY OF P1 & P2 325 & 262 (LENGTH 65' & 60') (24"DIA) AS PER SOIL REPORT OF M/S FAZAL GEO ENGINEERING SERVICE ALL FOUNDATIONS SHALL BEAR ON UNDISTURBED NATURAL SOIL USING S.R CEMENT. AS PER SOIL REPORT OF (M/S GEO ENGINEERING SERVICE)
- G2. FOR LEVELS OF FOUNDATIONS REFER TO FOUNDATION LAYOUT DRAWING.
- G3. FOR LOCATION OF DRAINAGE RUNS REFER TO ARCHITECT'S DRAWINGS AND DETAILS.
- G4. EXCAVATED SURFACES SHALL BE FREE OF LOOSE MATERIAL, DRY AND BLINDED AS SOON AS POSSIBLE AFTER INSPECTION OF BEARING SURFACES BY THE ENGINEER.
- G5. FOOTINGS & COLUMNS/ WALLS CENTRES SHOULD COINCIDE UNLESS NOTED OTHERWISE ON DRAWINGS.
- G6. REFER TO "NOTES" OF FOUNDATION DRAWINGS FOR OTHER DETAILS.
- G7. DEWATERING SHOULD BE CONDUCTED CONTINUOUSLY AND WORK SITE SHOULD BE MADE DRY UNTIL 7 DAYS AFTER CASTING.
- G8. SOIL FOR FILLS AND BACKFILLS SHALL BE COMPACTED (IN LAYERS NOT EXCEEDING 8" OR 200mm) UPTO 95% OF PROCTOR DENSITY.
- G9. THE CONTRACTOR SHALL REFER TO THE SOIL INVESTIGATION REPORT TO ESTABLISH THE NATURE OF THE SOIL CONDITIONS. SHOULD A DIFFERENT SOIL SUCH AS LOOSE POCKETS, UNDESIRABLE MATERIALS ARE ENCOUNTERED, CONTRACTOR SHOULD LIAISON WITH GEOTECHNICAL AGENCY AND UNDERTAKE THE NECESSARY MEASURES TO OBTAIN THE ASSUMED BEARING CAPACITY. THE STRUCTURAL ENGINEER APPROVAL IS REQUIRED FOR THIS ACTIVITY.
- G10. EFFICIENT SITE DRAINAGE DURING AND AFTER CONSTRUCTION OF THE PROJECT SHOULD BE PROVIDED BY THE CONTRACTOR.



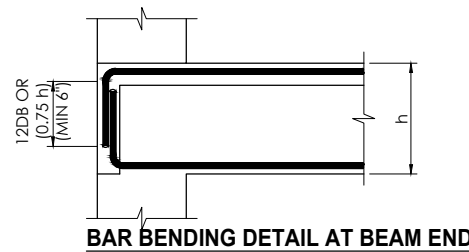
TYP. OPENING IN SLAB



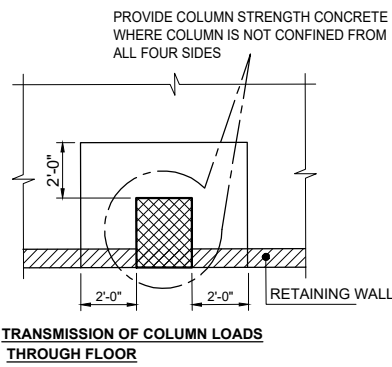
SKIN REINFORCEMENT FOR BEAM WITH CLEAR DEPTH > 36"

TYPICAL REDUCING DETAIL OF COL. BELOW 3"

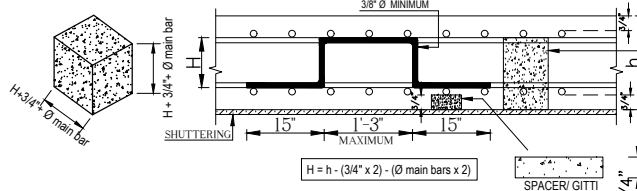
TYPICAL REDUCING DETAIL OF COL. ABOVE 3"



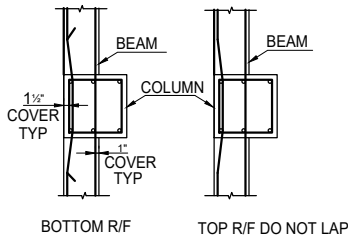
BAR BENDING DETAIL AT BEAM END



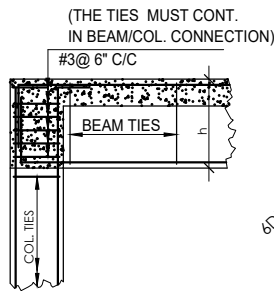
TRANSMISSION OF COLUMN LOADS THROUGH FLOOR



TYP. CHAIRS DETAILS



BEAM REINFORCEMENT AT COLUMN DETAIL PLAN



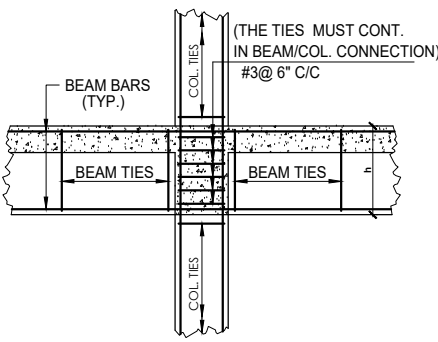
TYP. BEAM/COL. CONNECTION CORNER CONNECTION AT ROOF LEVEL

STANDARD HOOK DETAILS

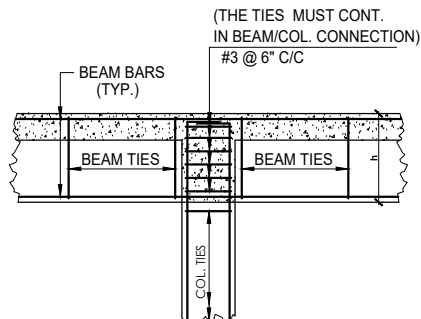
3/8"Ø RING DETAIL

SCHEDULE OF CAMBER			
1.	SLAB =	L/300	
2.	CANT. SLAB=	L/75	
3.	BEAM =	L/300	
4.	BRACKET =	L/150	

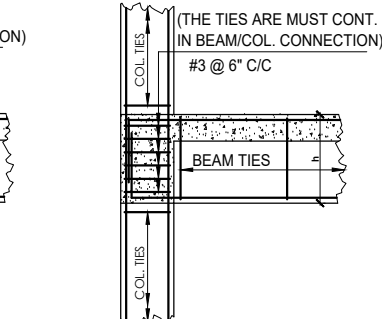
CAMBER WILL BE IN SAME UNIT AS OF LENGTH "L" OR AS PER GIVEN ON DRAWING



TYP. BEAM/COL. CONNECTION INTERMEDIATE CONNECTION

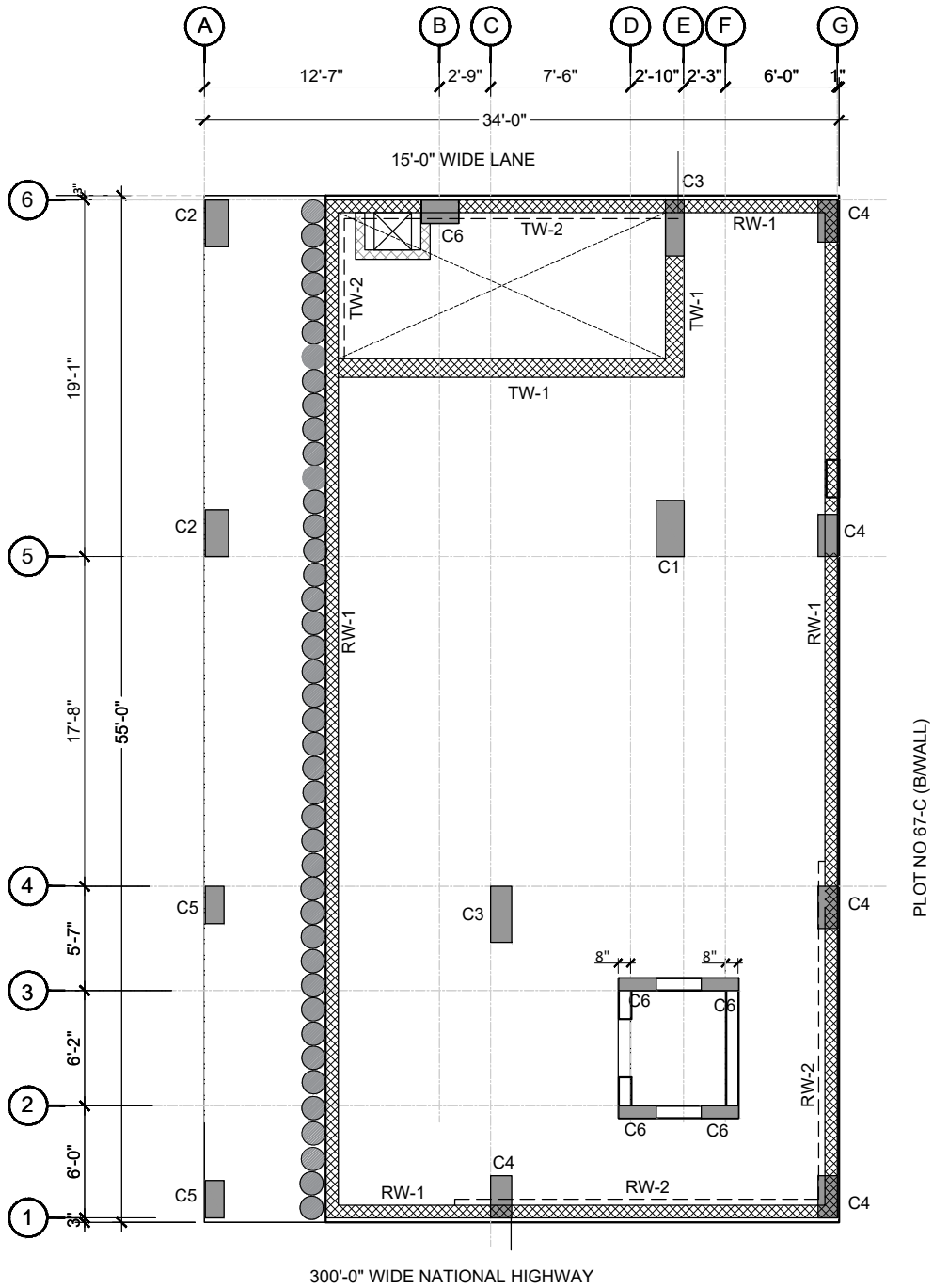


TYP. BEAM/COL. CONNECTION INTERMED. CONNECTION AT ROOF LEVEL



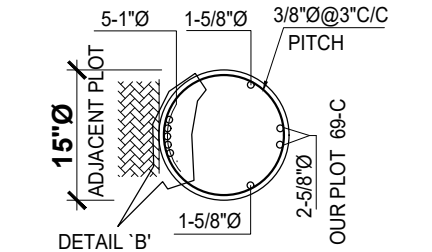
TYP. BEAM/COL. CONNECTION INTERMEDIATE CONNECTION AT EDGE

ISSUE DATE	REV. NO.	REV. DATE	DESCRIPTION	CHECKED
PROJECT:				
PLOT NO.69.C NATIONAL HIGHWAY PH-II KARACHI				
TITLE:				
GENERAL NOTES AND TYPICAL DETAILS				
OWNER'S		VETTING ENGINEER		
L.Architect		L.Engineer		
DRAWN.	I.A	DRG NO.	GN-01	NEXT DRG.
CHECKED.	AL.	RACK NO.		S-01
SCALE.	1/8"= 1'-0"			FILE NO.
DATE.	AUGUST-2024		717-C	CD-225 DD-225

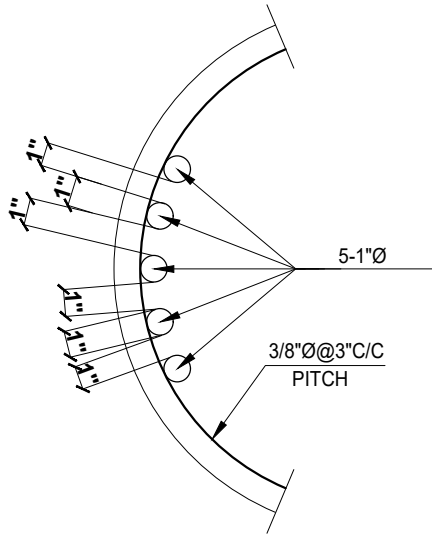


COLUMN LAYOUT PLAN

MARK	SIZE
C1	18"X36"
C2	15"X30"
C3	13"X36"
C4	13"X27"
C5	12"X24"
C6	15"X24"

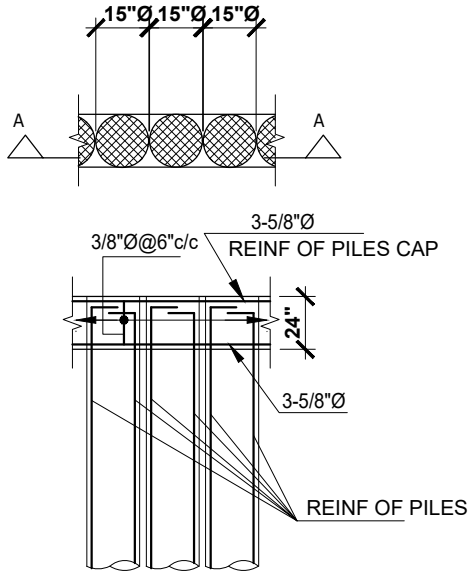


SECTION 1-1

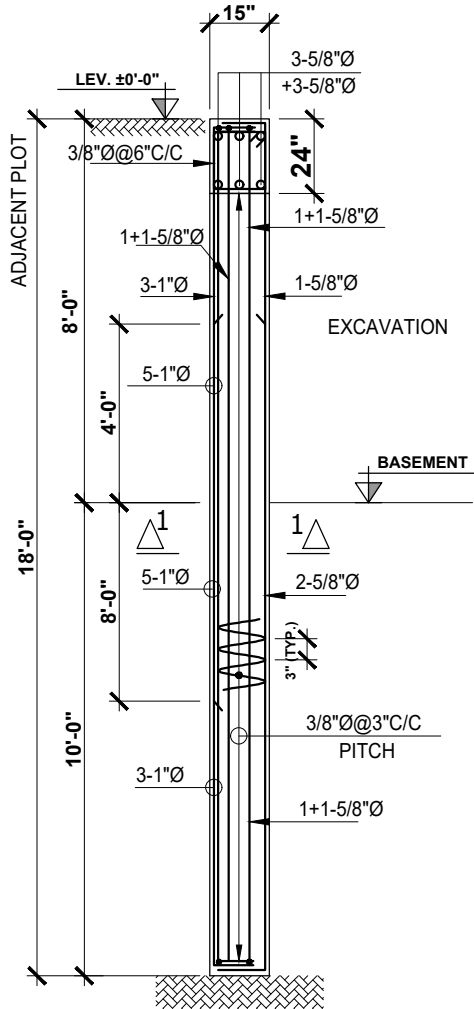


DETAIL `B`

- NOTES:-
01. FOR GENERAL NOTES & DETAILS REFER DRG. NO. GN-01.
 02. STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS.
 03. FOR COLUMN SECTION REFER S-04
 04. FOR RW SECTION REFER S-04



SECTION A-A



ELEV. OF SHORING PILE

PROJECT:		
PLOT NO.69.C NATIONAL HIGHWAY PH-II KARACHI		
TITLE:		
COLUMN LAYOUT PLAN & SHORING PILE DETAILS		
OWNER,S		VETTING ENGINEER
L. ARCHITECTURE		L.ENGINEER
DRAWN. US	DRG NO. WS-01	NEXT DRG. WS-02
CHECKED. ALIM	RACK NO.	FILE NO.
SCALE. 3/16"=1'-0"	717-C	CD-225 DD-225
DATE. AUGUST 2024		

LEGENDS

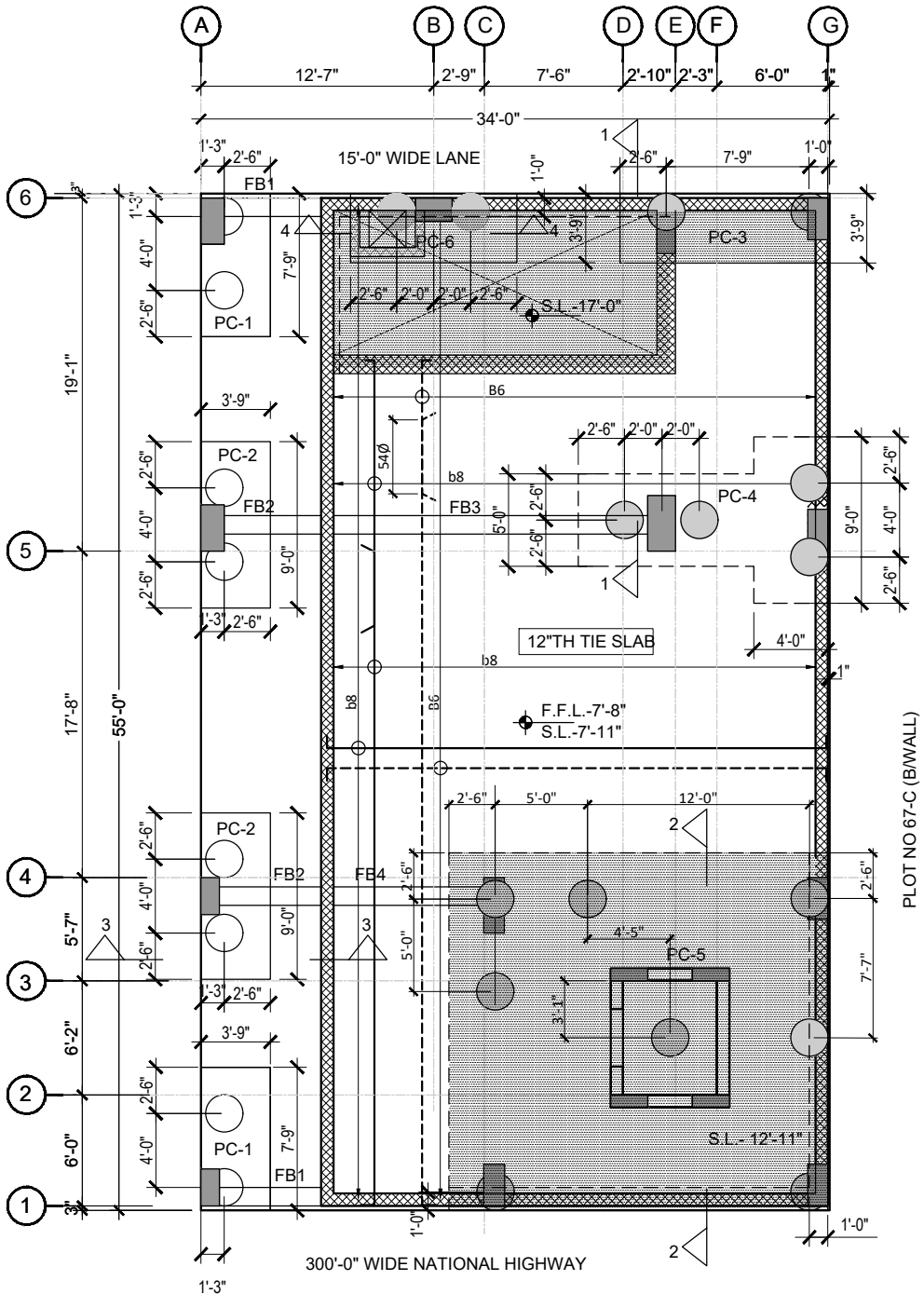
- PILE (TYPE 1)
- PILE (TYPE 2)
- * AS PER ARCHITECT.

SCHEDULE OF PILE CAP		SCHEDULE OF PILE CAP	
MARK	BOTTOM STEEL	MARK	TOP STEEL
f3	#7@3"c/c	F3	#7@3"c/c
d5	#5@5"c/c	D5	#5@5"c/c
d4	#5@4"c/c	D4	#5@4"c/c
d3	#5@3"c/c	D3	#5@3"c/c
b8	#4@8"c/c	B6	#4@6"c/c

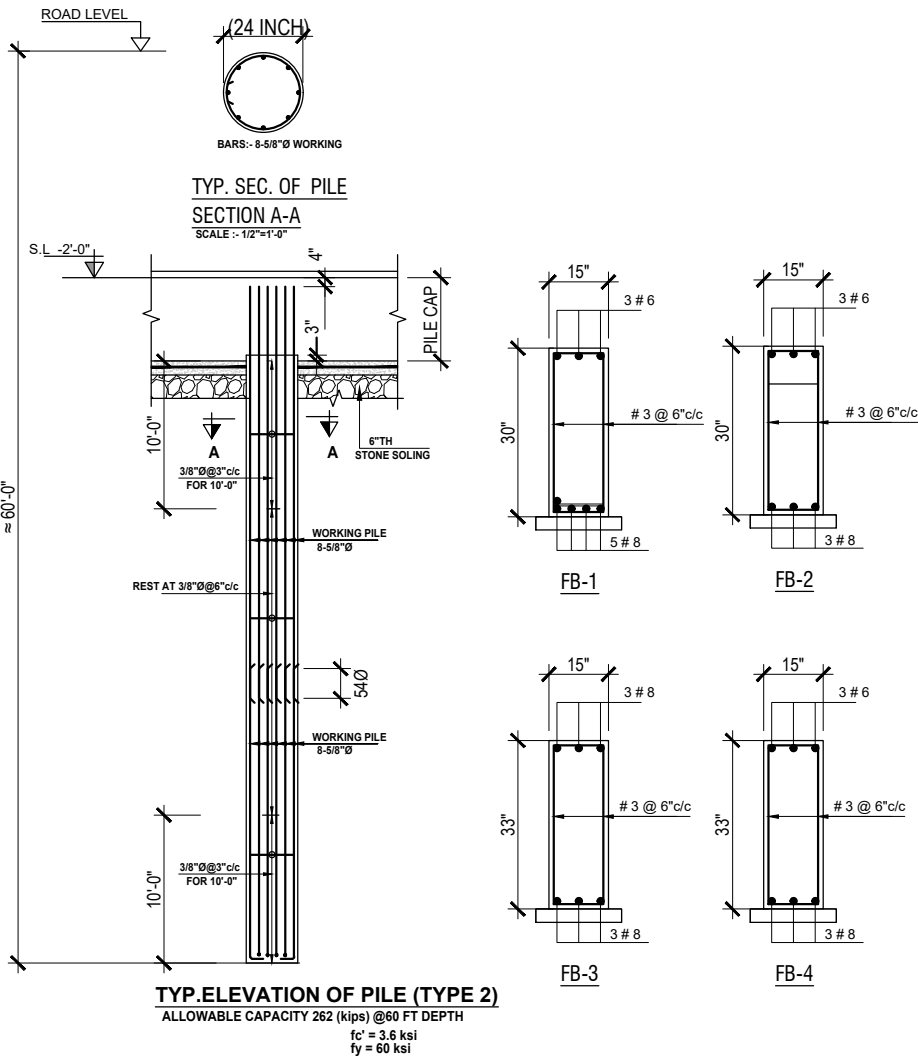
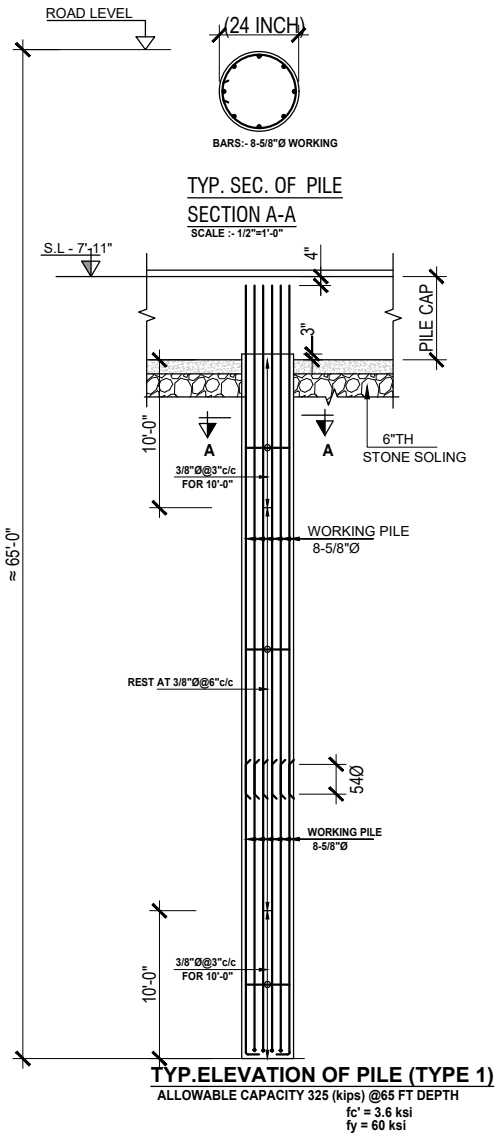
NOTES:-

- STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS. IN CASE OF DIFFERENCE CONSULT ARCHITECT/ STRUCTURE ENGINEER
- ALL FOUNDATIONS SHALL BEAR ON UNDISTURBED NATURAL SOIL USING S.R. CEMENT UPTO PLINTH LEVEL.BITUMEN COATING SHOULD ALSO APPLIED ON MEMBER OF THE STRUCTURE IN CONTACT WITH SOIL.
- ALL STEEL IS " S 60 " STEEL WITH A MINIMUM YIELD STRENGTH OF (60,000 P.S.I.).AND CONFIRMING TO ASTM A 615 FOR DEFORMED BARS.
- CONTRACTOR SHALL PREPARE AT LEAST 4 CUBES FOR EACH POUR AND SHALL SUBMIT THE TEST REPORTS TO ARCHITECT/STRUCTURE ENGINEER MAKE TWO CUBES EACH FOR 7 & 28 DAYS CRUSHING STRENGTH.IN CASE OF CUBES NOT CAST CONTRACTOR WILL BE RESPONSIBLE FOR NEGLIGENCE
- PROVIDED CLEAR COVER, IF NOT OTHERWISE SPECIFIED.
 - FOUNDATIONS = 4" BOTTOM, 3" TOP TO MAIN REINF.
 - COLUMNS = 1½" TO MAIN REINFORCEMENT.
 - SLABS = 3/4" TO MAIN REINFORCEMENT.
 - BEAMS = 1½" TO MAIN REINFORCEMENT FROM (T & B)
 - BEAMS = 1" FROM SIDES.
 - RETAINING WALL, = 1" TO MAIN REINFORCEMENT.

- CONCRETE SHALL DEVELOP 28 DAYS STRENGTH FOR COLUMN/R.W.T.W
f'c= 5000 psi (CUBE STRENGTH 6025 psi) ADD 700 ML CHEMPLAST 480M OR EQUIVALENT ADMIXTURE TO ACHIEVE REQUIRED STRENGTH.
AND ALL OTHER CONCRETE f'c= 3600 psi (CUBE STRENGTH 4350 psi)
PROPER TRIAL MIX TO BE DONE BFORE ACTUAL CONCRETING
FOR STRENGTH
- DO NOT SCALE ANY BAR LENGTH & DIMENSIONS.
- ALL DETAILS ON DRAWING MUST BE STRICTLY FOLLOWED SPECIALLY " ELLS" AT DISCONTINUOUS ENDS OR WHERE SHOWN.
- " * " STANDS FOR AS PER ARCHITECTURE.
- STRUCTURE DESIGNED FOR (BASEMENT+GROUND+4 FLOOR ONLY).
- FOR PILE CAP REINFORCEMENT REFER S-03
- FOR RW SECTION REFER S-04
- FOR SECTION REFER 1-1 , 2-2 & 3-3 REFER S-3
- FOR DEWATERING PLAN REFER SOIL REPORT ATTACHMENT



PILE LAYOUT PLAN
& PILE DETAILS

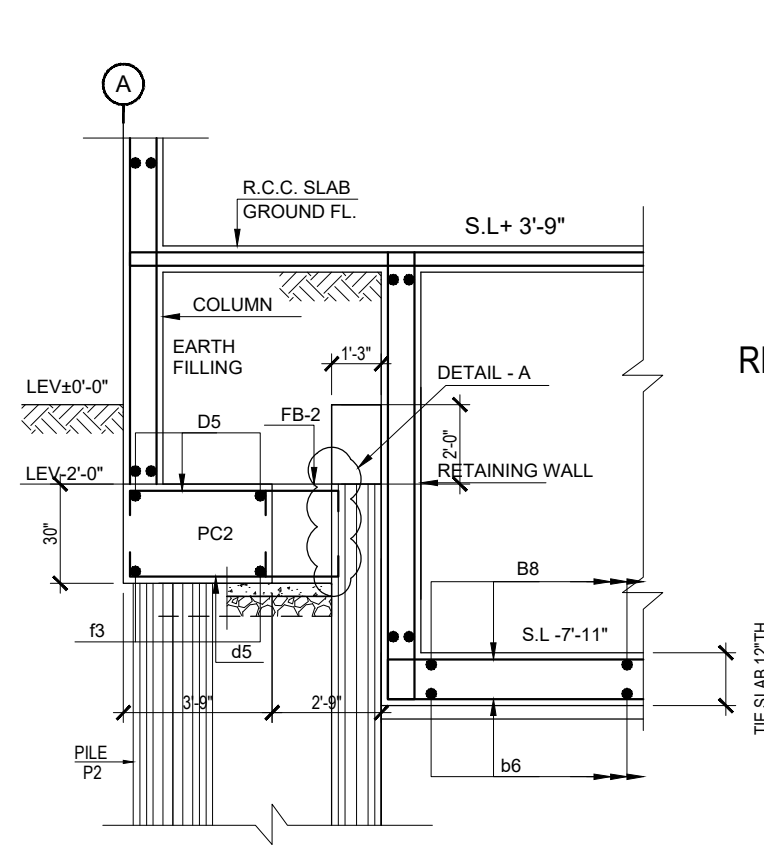


"All levels must be accompanied by detailed architectural drawings.
Any concerns or clarifications should be addressed in consultation with the architect.

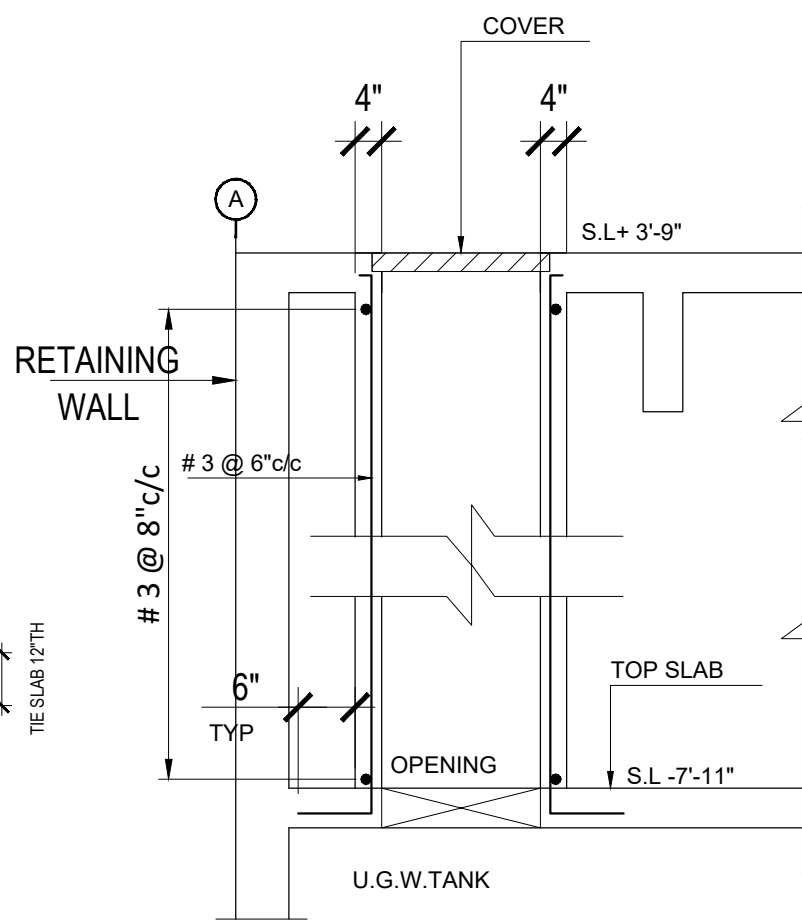
SECTION 1-1 , 2-2 , 3-3 & 4-4 REFER DWG. NO. S-03A

PROJECT:		
PLOT NO.69.C NATIONAL HIGHWAY PH-II KARACHI		
TITLE:		
PILE LAYOUT PLAN & PILE DETAILS		
OWNER:S		VETTING ENGINEER
L. ARCHITECTURE		L.ENGINEER
DRAWN. US	DRG NO. WS-02	NEXT DRG. WS-03
CHECKED. ALIM	RACK NO.	FILE NO.
SCALE. 3/16"=1'-0"	717-C	CD-225 DD-225
DATE. AUGUST 2024		

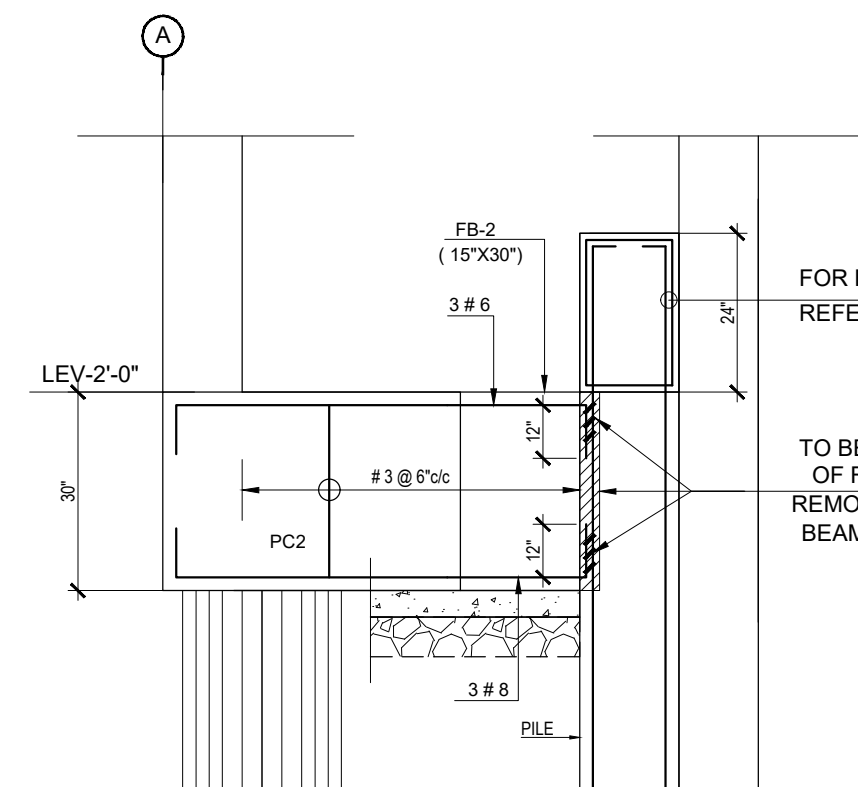
SECTION MARKED (1-1 , 2-2 , 3-3 & 4-4) REFER DWG. NO. WS-02



SECTION 3-3



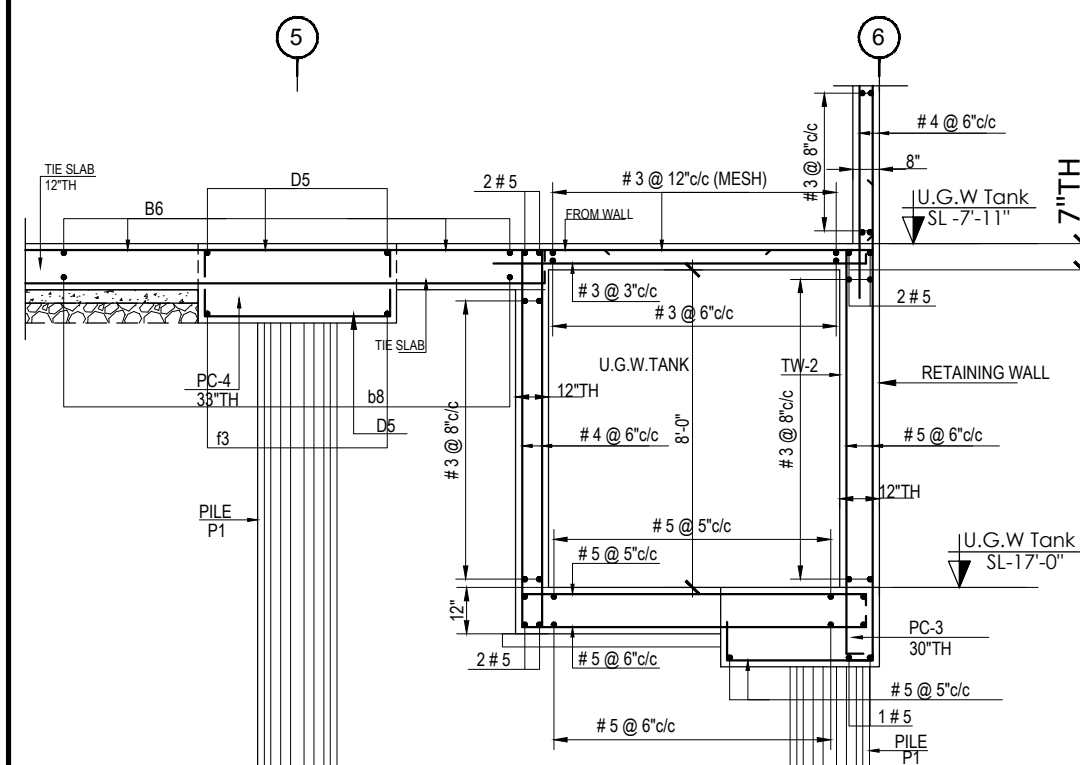
SECTION 4-4



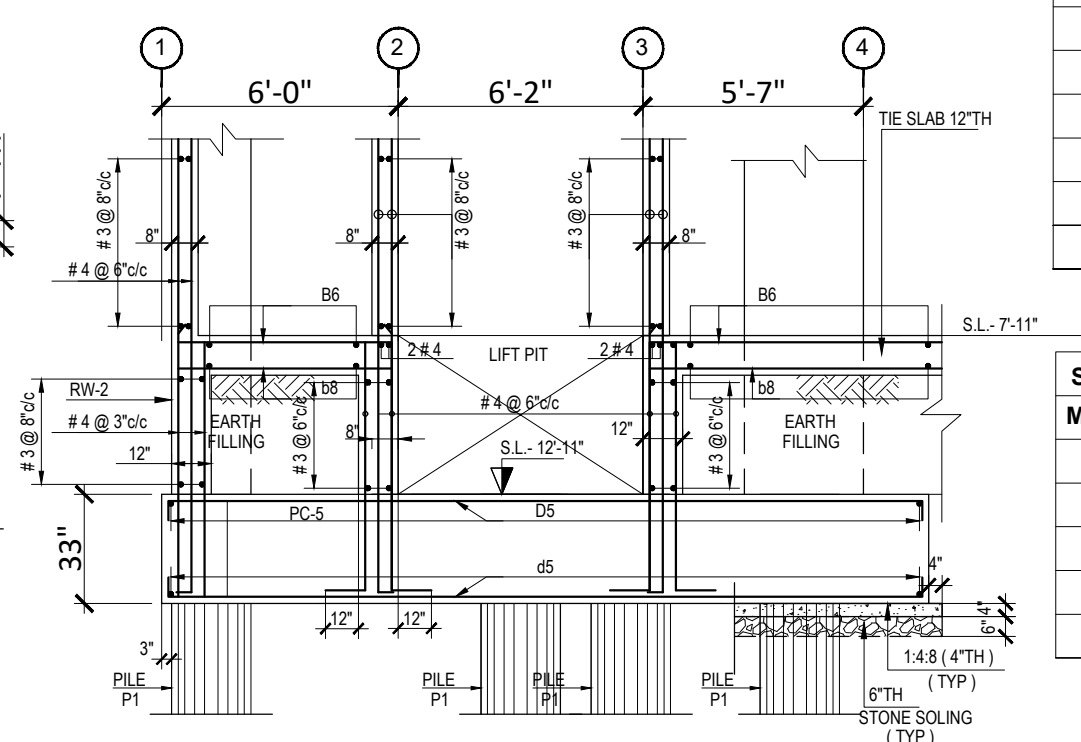
DETAIL-A

FOR REINFORCEMET
REFER DWG.WS-01

TO BE DONE AFTER CASTING
OF RETAINING WALL
REMOVE 2" CONCRETE AND WELD
BEAM BAR WITH PILE BAR



SECTION 1-1

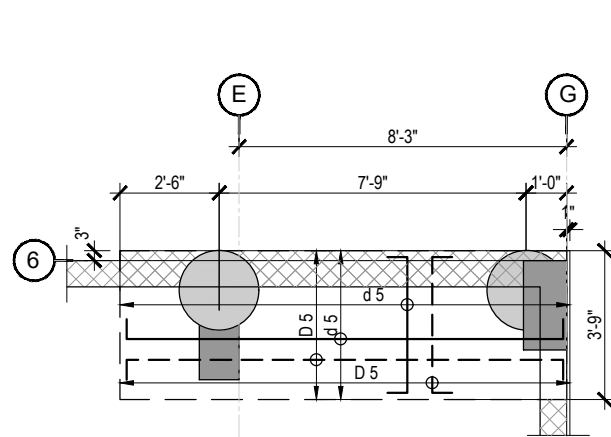


SECTION 2-2

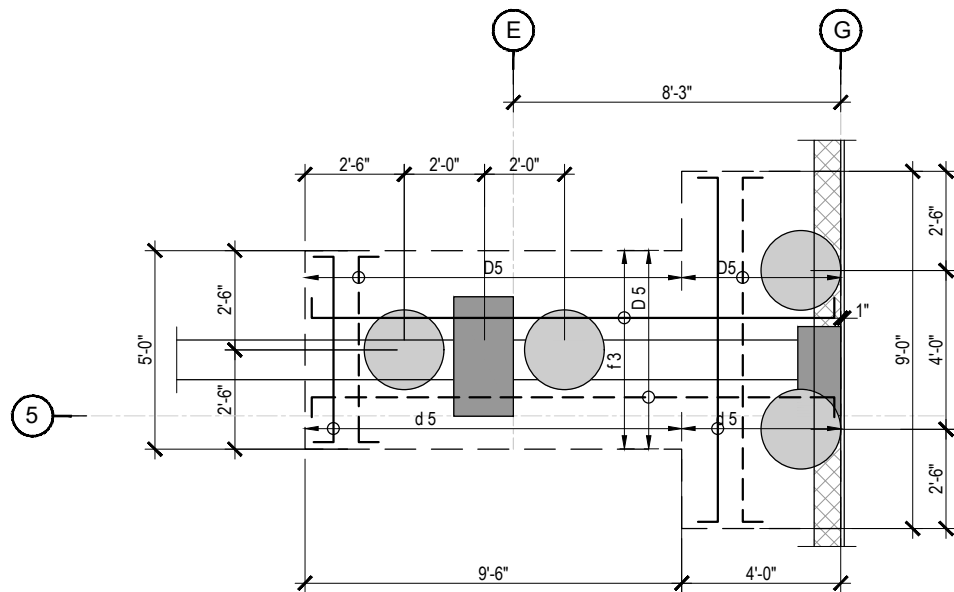
SCHEDULE OF PILE CAP	
MARK	BOTTOM STEEL
f3	#7@3"c/c
d5	#5@5"c/c
d4	#5@4"c/c
d3	#5@3"c/c
b8	#4@8"c/c

SCHEDULE OF PILE CAP	
MARK	TOP STEEL
F3	#7@3"c/c
D5	#5@5"c/c
D4	#5@4"c/c
D3	#5@3"c/c
B6	#4@6"c/c

PROJECT:		
PLOT NO.69.C NATIONAL HIGHWAY PH-II KARACHI		
TITLE:		
FOUNDATION SECTIONS		
OWNER;S		VETTING ENGINEER
L. ARCHITECTURE		L.ENGINEER
DRAWN. US	DRG NO. WS-03A	NEXT DRG. WS-03
CHECKED. ALIM	RACK NO.	FILE NO.
SCALE. 3/16"=1'-0"	717-C	CD-225 DD-225
DATE. AUGUST 2024		



FOOTING (PC-3)
30"THICK S.L.-16'-0"



FOOTING (PC-4)
33" THICK S.L.-7'-11"

SCHEDULE OF PILE CAP	
MARK	BOTTOM STEEL
f3	#7@3"c/c
d5	#5@5"c/c
d4	#5@4"c/c
d3	#5@3"c/c
b8	#4@8"c/c

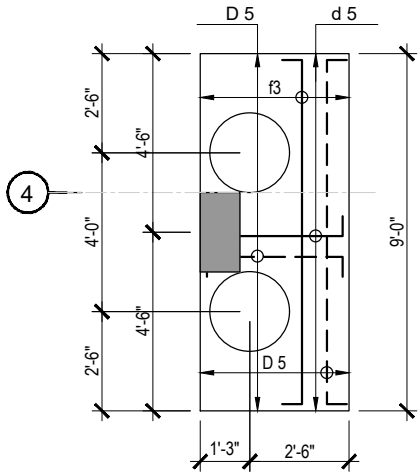
SCHEDULE OF PILE CAP	
MARK	TOP STEEL
F3	#7@3"c/c
D5	#5@5"c/c
D4	#5@4"c/c
D3	#5@3"c/c
B6	#4@6"c/c

LEGENDS

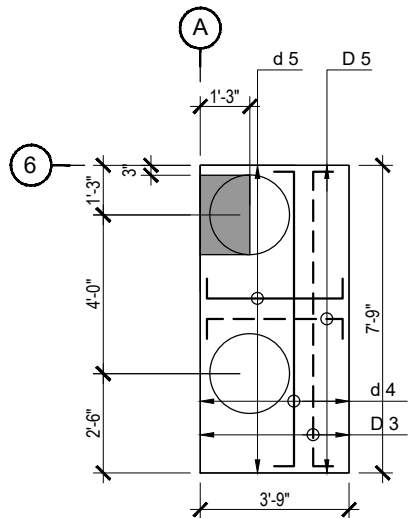
● PILE (TYPE 1)

○ PILE (TYPE 2)

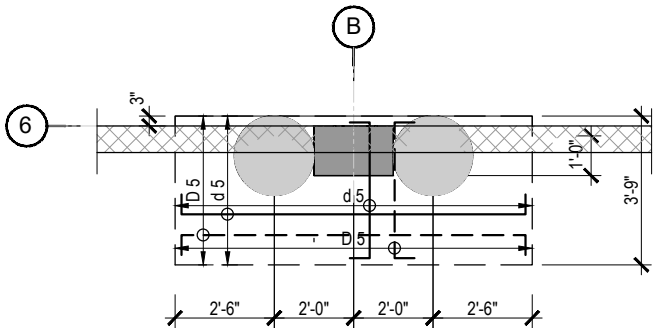
* **AS PER ARCHITECT.**



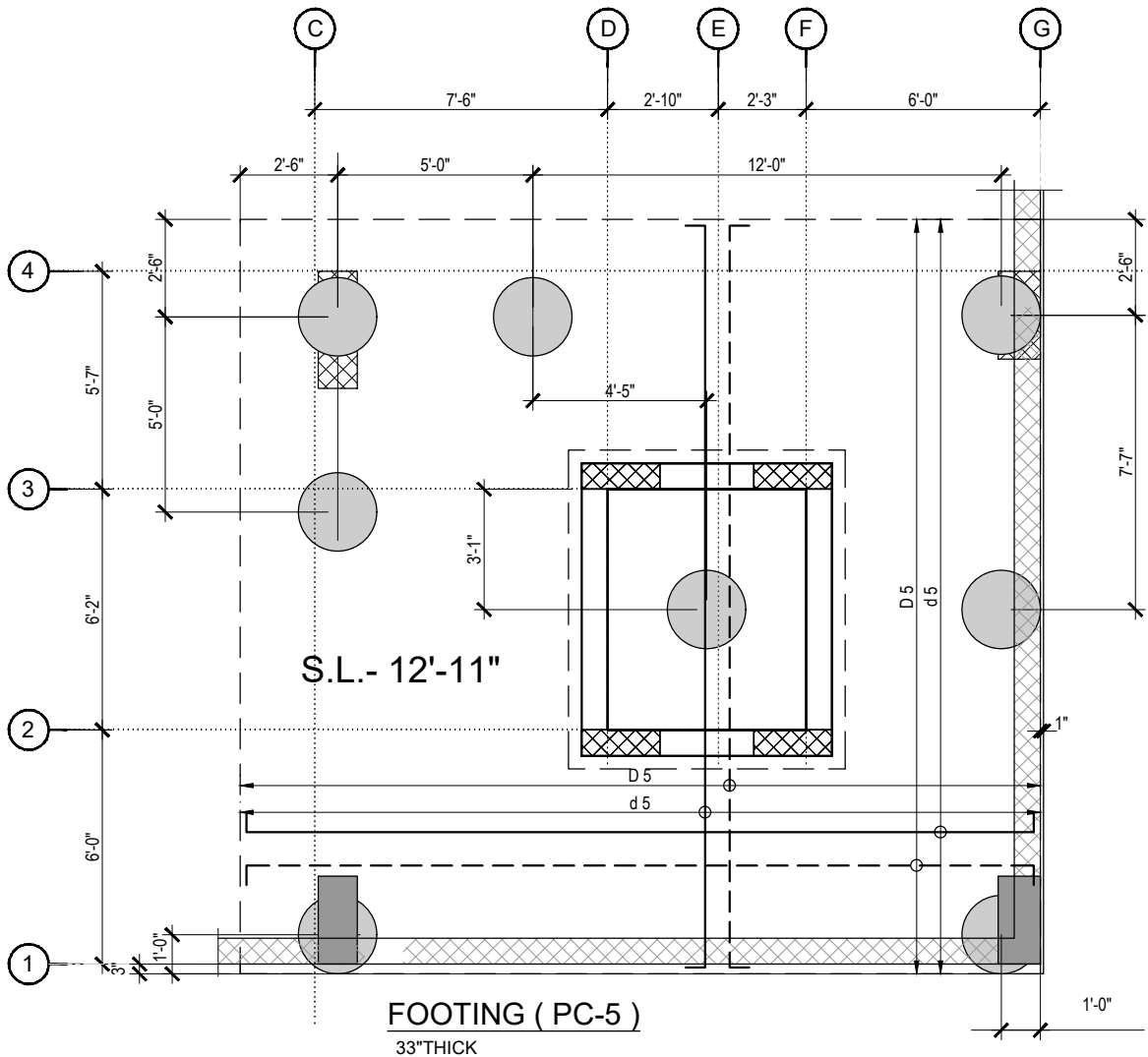
FOOTING (PC-2)
30"THICK S.L.-2'-0"



FOOTING (PC-1)
30"THICK S.L.-2'-0"



FOOTING (PC-6)
30"THICK S.L.-16'-0"



FOOTING (PC-5)
33"THICK

PROJECT:		
PLOT NO.6.C NATIONAL HIGHWAY PH-II KARACHI		
TITLE:		
PILE FOUNDATION TOP & BOTTOM REINFORCEMENT PLAN		
OWNER,S		VETTING ENGINEER
L. ARCHITECTURE		L. ENGINEER
DRAWN. US	DRG NO. WS-03	NEXT DRG. WS-04
CHECKED. ALIM	RACK NO.	FILE NO.
SCALE. 3/16"=1'-0"	717-C	CD-225 DD-225
DATE. AUGUST 2024		

HL, AT 69-C,National Highway,KARACHI (STRUCTURE DRAWINGS)

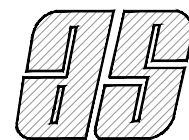
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



3rd Floor : Marine Pride, Block -7, Khyaban-e-Iqbal, Clifton, Karachi-75600, Pakistan
Telephone: (92-21) 5878579 (92-21) 5878580, (92-21) 5870743 Facsimile: (92-21) 5878581
E-mail: cdesign@collaborativedesign.com.pk Website: www.collaborativedesign.com.pk

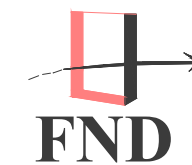
STRUCTURAL CONSULTANTS

Engineer:



ARIF & ASSOCIATES
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

H.V.A.C. AND PLUMBING CONSULTANTS



FAHIM, NANJI & DESOUZA
Consulting Engineers
HVAC, Plumbing, Mechanical
10, ILACO House, Abdullah Haroon Road, Karachi-74400
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Ph: (92-21) 563-7878-82
Fax: (92-21) 521-1634
Email: fahimfnd@cyber.net.pk

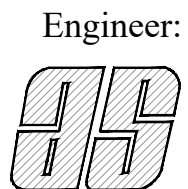
HBL, AT 69-C, National Highway, KARACHI (CONSTRUCTION DRAWINGS)

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E-mail: cdesign@collaborativedesign.com.pk Website: www.collaborativedesign.com.pk

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Fax: (92-21) 521-1634
Email: fahimfnd@cyber.net.pk

INDEX SHEET

ARCHITECTURE

S. #	DWG.#	DRAWING TITLE	NO. OF SHEETS	SCALE
1	A-00	Index Sheet	01	NTS
SITE CONDITIONS				
2	A-00.1	Site Plan	01	1/8"=1'-0"
WORKING PLANS				
3	A-00-GF & BF	Ground Floor & Basement Working Plan	01	1/8"=1'-0"
4	A-00-1F & 2F	First Floor & Second Floor Working Plan	01	1/8"=1'-0"
5	A-00-3F & 4F	Third Floor & Fourth Floor Working Plan	01	1/8"=1'-0"
6	A-00-R	Roof Working Plan	01	1/8"=1'-0"
7	A-01-GF & BF	Ground Floor & Basement Masonry Plan	01	1/8"=1'-0"
8	A-01-1F & 2F	First Floor & Second Floor Masonry Plan	01	1/8"=1'-0"
9	A-01-3F & 4F	Third Floor & Fourth Floor Masonry Plan	01	1/8"=1'-0"
10	A-01-R	Roof Masonry Plan	01	1/8"=1'-0"
11	A-02-GF & BF	Ground Floor & Basement Furniture Plan	01	1/8"=1'-0"
12	A-02-1F & 2F	First Floor & Second Floor Furniture Plan	01	1/8"=1'-0"
13	A-02-3F & 4F	Third Floor & Fourth Floor Furniture Plan	01	1/8"=1'-0"
14	A-03-GF & BF	Ground Floor & Basement Flooring Plan	01	1/8"=1'-0"
15	A-03-1F & 2F	First Floor & Second Floor Flooring Plan	01	1/8"=1'-0"
16	A-03-3F & 4F	Third Floor & Fourth Floor Flooring Plan	01	1/8"=1'-0"
17	A-03-R	Roof Flooring Plan	01	1/8"=1'-0"
18	A-04-GF & BF	Ground Floor & Basement Ceiling Plan	01	1/8"=1'-0"
19	A-04-1F & 2F	First Floor & Second Floor Ceiling Plan	01	1/8"=1'-0"
20	A-04-3F & 4F	Third Floor & Fourth Floor Ceiling Plan	01	1/8"=1'-0"
21	A-04-R	Roof Ceiling Plan	01	1/8"=1'-0"
BUILDING ELEVATIONS				
22	A-05	3D View	01	NTS
23	A-05	Front Elevation	01	1/8"=1'-0"
24	A-05	Rear Elevation	01	1/8"=1'-0"
25	A-05	Front elevation With Rafter and Without Rafter	01	1/8"=1'-0"
26	A-05	Typical facade detail	02	AS SHOWN
27	A-05	Window curtain wall detail	03	AS SHOWN
BUILDING SECTIONS				
28	A-06	Section AA & Section BB	01	3/32"=1'-0"
29	A-06	Section CC	01	3/32"=1'-0"
30	A-06	Section DD & Section EE	01	3/32"=1'-0"
31	A-06	Section FF & Section GG	01	3/32"=1'-0"
BLOWNUP DRAWINGS				
32	A-07	Ground Marking plan	01	1/8"=1'-0"
33	A-07	Ground Floor Part Section	03	AS SHOWN
34	A-07	Ground Floor Ramp Detail	02	3/16"=1'-0"
35	A-07	Ground Floor Entrance Steps Detail	01	3/4"=1'-0"
36	A-07	Basement Marking plan	01	1/8"=1'-0"
37	A-07	Basement Part Sections	04	1/8"=1'-0"
38	A-07	Underground Water Tank	01	AS SHOWN
39	A-07	Roof Marking plan and sections	03	3/16"=1'-0"
40	A-07	Solar Panel Detail	01	3/16"=1'-0"

[illegible]

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

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NOTE:

* ALL DIMENSIONS ARE IN FEET (') AND INCHES (")

* ALL ERROR EMISSION TO BE REPORTED
TO THE ARCHITECT DURING
EXCECUITON WORK

PARTITION KEY

01	ISSUE FOR Construction	24-3-25
<u>NO.</u>	<u>REVISION/ISSUE</u>	<u>DATE</u>

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C, National Highway, PH.II

TITLE

INDEX SHEET

SCALE

DATE _____

Mar '25

DWG. NO.

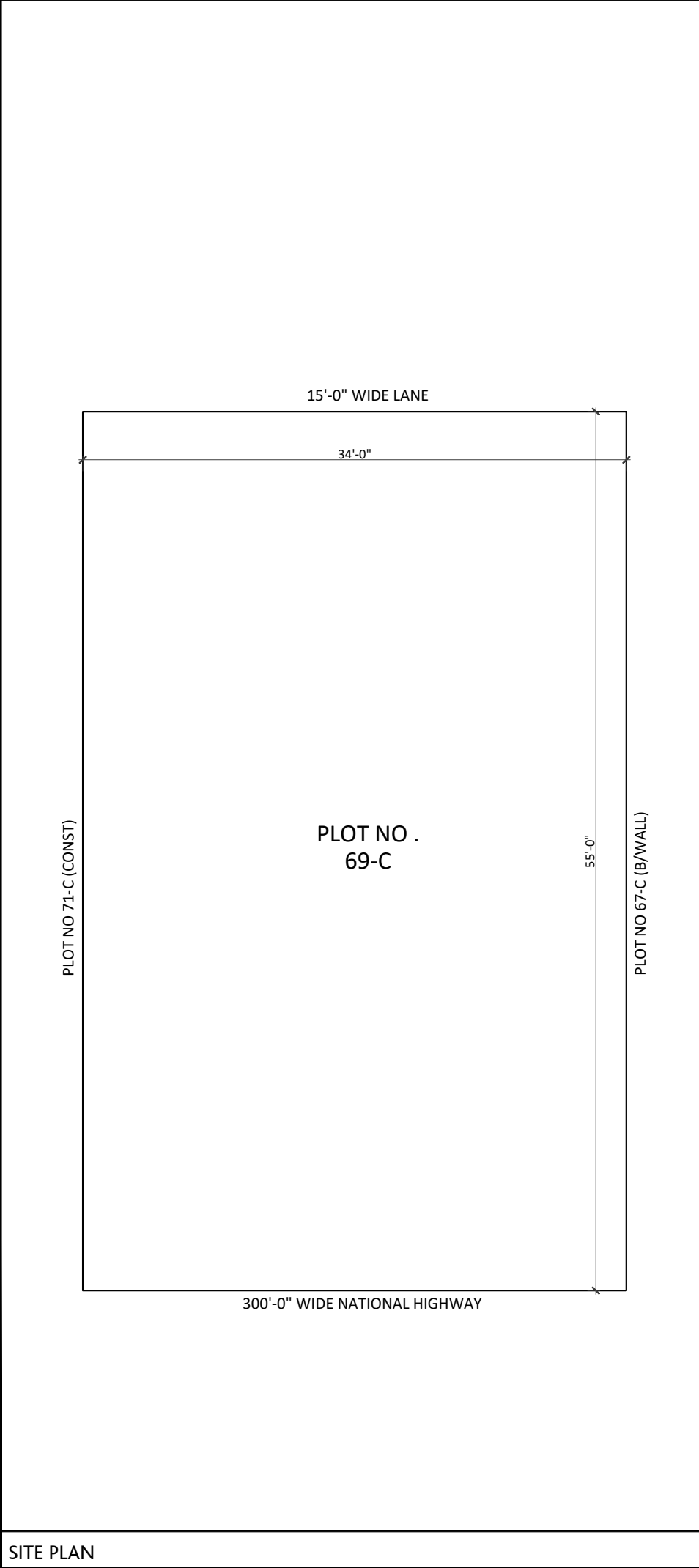
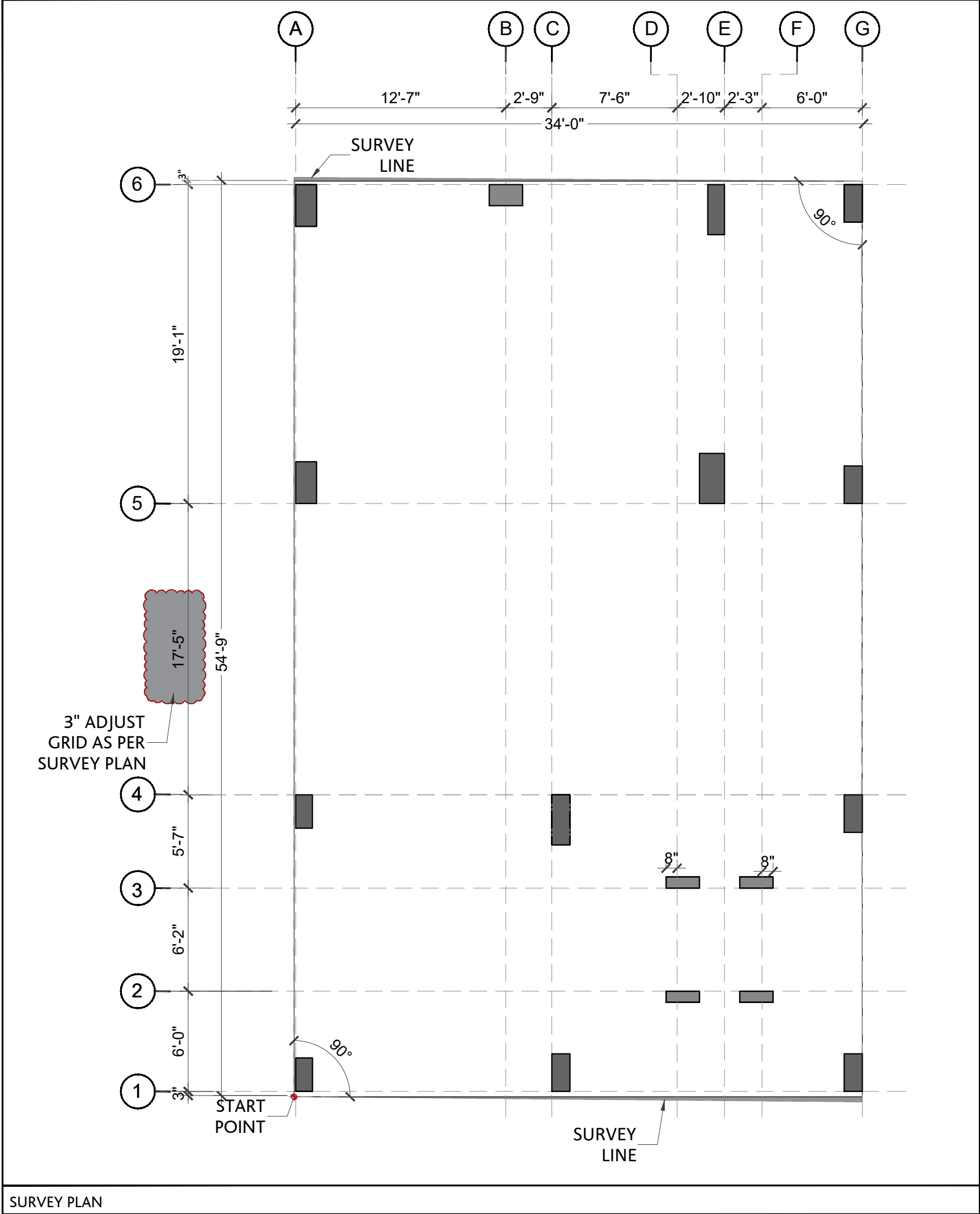
A-00

SHEET

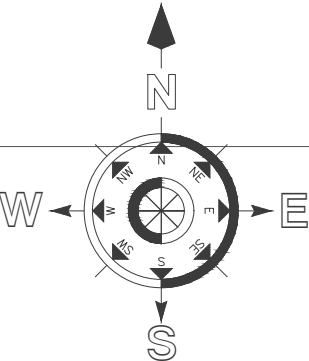
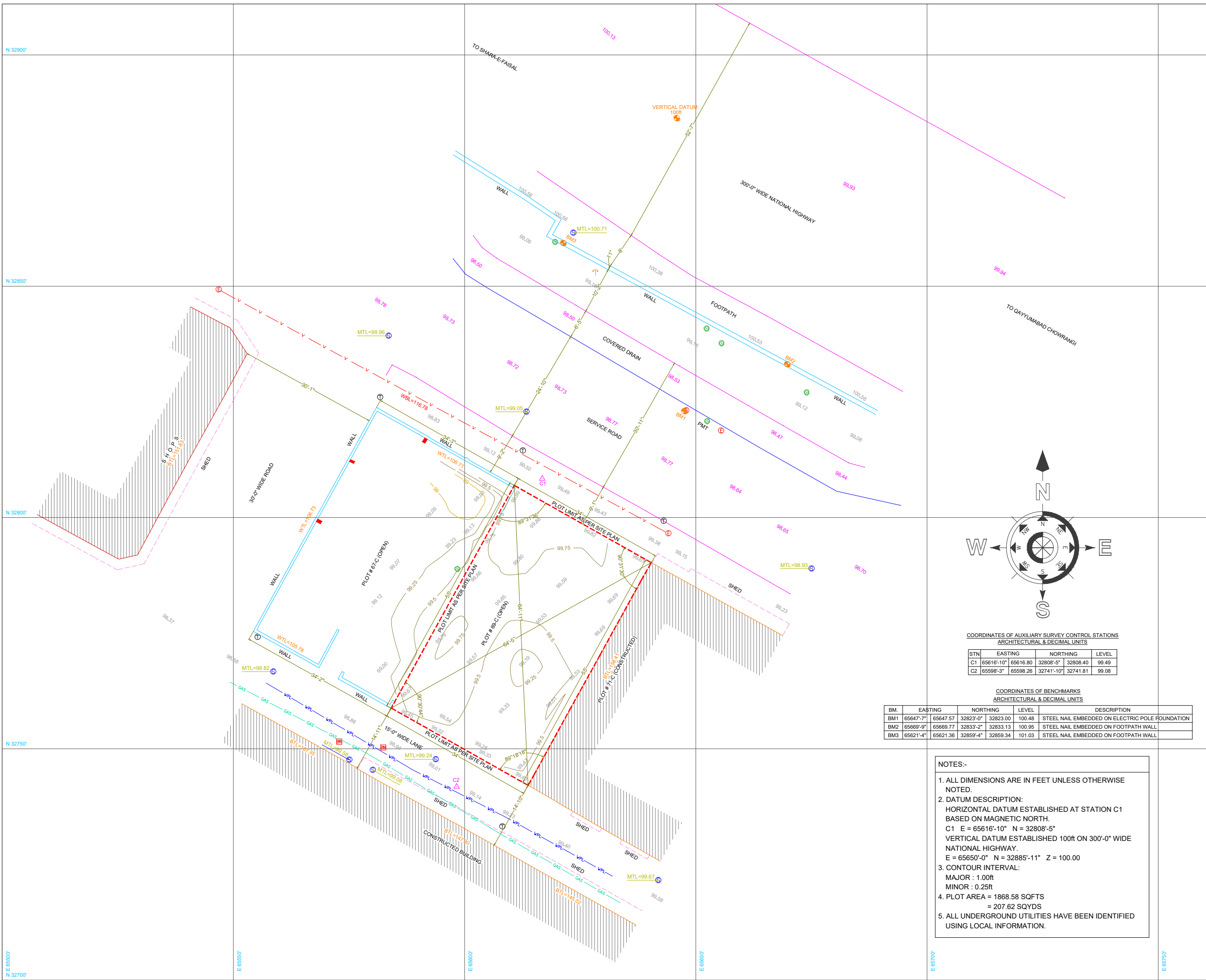
ET	REV.
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1
of
1

DRAWINGS AND DIMENSIONS 1. THE CONTRACT DOCUMENT DRAWINGS HAVE BEEN PREPARED USING SOFTWARE IN A MICROSOFT WINDOWS ENVIRONMENT. A BUILDING INFORMATION MODEL (BIM) WAS DEVELOPED SOLELY TO COMMUNICATE DESIGN TO THE OWNER AND IS NOT SUITABLE FOR ANY OTHER FOR EXAMPLE THE REVIT MODEL IS NOT SUITABLE FOR COST SYSTEMS PERFORMANCE, COORDINATION, SCHEDULING, OR FACILITIES 2. THESE DOCUMENTS WERE PRODUCED USING THE CONSTRUCTION SPECIFICATIONS INSTITUTE'S UNIFORM DRAWING SYSTEM AND THE CAD STANDARD AS GUIDES. 3. ANY INDICATION OF PROJECT LIMITS OR LINES OF DEMARCATION ARE FOR THE CONVENIENCE OF THE CONTRACTOR, AND ARE NOT TO BE LITERALLY. ACTUAL CONTRACT LIMITS ARE TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE OWNER BEFORE ACTUAL CONSTRUCTION WORK BEGINS. 4. DRAWINGS ARE PREPARED USING DIMENSIONS AND PRODUCT CONFIGURATIONS OR DETAILS OF SPECIFIC MANUFACTURERS. AND DETAILS FOR SPECIFIC PRODUCTS MAY CHANGE BEFORE THEY ARE ACTUALLY INCORPORATED INTO THE WORK, AND PRODUCTS BY OTHER MANUFACTURERS ARE ALSO ACCEPTABLE. THEREFORE, ACTUAL INSTALLATION DETAILS AND DIMENSIONS MAY DIFFER FROM THOSE CONTRACTOR SHALL VERIFY INSTALLATION REQUIREMENTS FOR ALL PRODUCTS TO BE INCORPORATED IN THE WORK (INCLUDING FOR RECESSED OR SEMI-RECESSED PRODUCTS), AND IS RESPONSIBLE ACCOMMODATING AND COORDINATING CHANGES TO OTHER MATERIALS PRODUCTS THAT ARE NECESSARY BECAUSE OF THESE DIFFERENCES. 5. THE DRAWINGS AND SPECIFICATIONS ARE SEPARATED INTO CONVENIENCE. THE SEPARATIONS USED ARE USED ONLY FOR THE OF CONVENIENCE AND REFERENCE AND IN NO WAY DO THEY DEFINE OR THE SCOPE OR INTENT OF ANY PART OF THE DRAWINGS, OR OF THE DRAWINGS AND SPECIFICATIONS AS A WHOLE. THE FACT THAT THE ARE SEPARATED IN NO WAY SUGGESTS THAT THE WORK IS NOT TO BE CONSTRUCTED AS A COMPLETE, INTEGRATED AND UNIFIED WHOLE. 6. THE DRAWINGS AND SPECIFICATIONS, INCLUDING DRAWINGS SPECIFIC ENGINEERING DISCIPLINES (SUCH AS CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, ETC.) ARE COMPLEMENTARY; ITEMS SHOWN ONE LOCATION IN THE DRAWINGS SHALL BE CONSIDERED TO BE REQUIREMENTS OF THE CONTRACT FOR CONSTRUCTION. IN THE EVENT INCONSISTENCY BETWEEN THE DRAWINGS AND SPECIFICATIONS, OR EITHER DOCUMENT, THE CONTRACTOR SHALL SEEK CLARIFICATION OR INTERPRETATION FROM THE ARCHITECT PRIOR TO BIDDING. WHERE INCONSISTENCIES ARE NOT CLARIFIED PRIOR TO BIDDING, AND WHERE ACTUAL SOLUTION OR INTENT CANNOT BE REASONABLY INFERRED, THE CONTRACTOR SHALL PROVIDE THE BETTER QUALITY OR GREATER 7. USE OF THE WORD "VERIFY" POINTS OUT A SITUATION WHICH MUST BE CONFIRMED PRIOR TO PROCEEDING WITH THE WORK, FABRICATION OF EQUIPMENT, OR ORDERING MATERIAL. NOTIFY THE ARCHITECT OF ANY DISCREPANCY DISCOVERED. 8. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ARCHITECT IMMEDIATELY SHOULD ANY DISCREPANCIES BE FOUND IN THE DRAWINGS AND SPECIFICATIONS. 9. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL FIELD CONDITIONS AND DIMENSIONS AS THEY RELATE TO THIS PROJECT. SHOULD DISCREPANCIES EXIST BETWEEN THE WORK INDICATED AND ACTUAL FIELD CONDITIONS NOTIFY THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK. 10. DO NOT SCALE THE DRAWINGS. DRAWING SCALES AS INDICATED ARE FOR REFERENCE ONLY AND ARE NOT INTENDED TO ACCURATELY DEPICT ACTUAL OR DESIGNATED CONDITIONS. WRITTEN DIMENSIONS SHALL GOVERN. 11. ALL DIMENSIONS INDICATED ARE TO FACES OF STRUCTURAL MATERIALS OR COLUMN GRID LINES UNLESS NOTED OTHERWISE. ROUGH OPENINGS SHALL ALLOW FOR SHIM SPACE. 12. THE TERM "ALIGN" REFERS TO LOCATING DIFFERENT COMPONENTS OF CONSTRUCTION TO PROVIDE A FLUSH FINISH SURFACE. 13. SHOULD DIMENSIONS BE MISSING OR CONFLICTING, NOTIFY ARCHITECT PRIOR TO PROCEEDING WITH RELATED WORK. PROJECT GENERAL NOTES: 1. ATTENTION ALL USERS OF THESE DRAWINGS, GENERAL CONTRACTORS, SUB CONTRACTORS, MANUFACTURERS, SUPPLIERS: CAREFULLY AND THOROUGHLY REVIEW THESE GENERAL NOTES. IT IS YOUR RESPONSIBILITY TO KNOW AND ADHERE TO THESE REQUIREMENTS. 2. DO NOT PRESUME THAT YOUR SCOPE OF WORK IS SINGULARLY DEFINED. YOUR SCOPE OF WORK IS DEFINED THROUGHOUT THE ENTIRE SET OF DRAWINGS AND SPECIFICATIONS AND IS NOT CONTAINED IN JUST ONE SERIES OF DRAWINGS OR DIVISION OF SPECIFICATIONS. YOU MUST REVIEW THE ENTIRE SET OF CONTRACT DOCUMENTS TO DETERMINE YOUR SCOPE OF WORK. 3. EVERY EFFORT HAS BEEN MADE TO MAKE THESE DOCUMENTS CONCISE AND COORDINATED, TO DEFINE WORK IN THE MOST LOGICAL PLACE AND TO ELIMINATE REDUNDANCY. KEEP IN MIND HOWEVER THAT YOUR SCOPE OF WORK CAN BE CONTAINED IN VARIOUS PLACES, WITH VARYING DESCRIPTIONS. DO NOT CONSIDER THAT THERE IS ONE CUSTOMARY PLACE TO LOCATE YOUR WORK. THERE IS A DANGER OF OMITTING WORK FROM YOUR SCOPE BECAUSE THE ENTIRE SET OF DOCUMENTS WAS NOT REVIEWED. 4. MECHANICAL AND ELECTRICAL DRAWINGS SHOW INFORMATION IN A DIAGRAMMATIC FASHION WITHOUT DIMENSIONING. THE GENERAL CONTRACTOR IS TO COORDINATE THE LOCATIONS OF ALL MECHANICAL AND ELECTRICAL EQUIPMENT WITH RESPECT TO THE ARCHITECTURAL AND STRUCTURAL DETAILING OF SHAFTS, CHASES, AND SUCH. 5. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH SITE CONDITIONS AS THEY MAY AFFECT CARRYING OUT THE WORK AS DESCRIBED IN THESE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL INVESTIGATE, VERIFY, AND BE RESPONSIBLE FOR ALL CONDITIONS OF THE PROJECT, AND NOTIFY THE ARCHITECT OF ANY CONDITIONS THAT REQUIRE MODIFICATION BEFORE PROCEEDING WITH THE WORK. 6. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, LABOR, AND SERVICES NECESSARY TO COMPLETE THE WORK. 7. ALL PERSONS DIRECTLY OR INDIRECTLY ASSOCIATED WITH THE PROJECT SHALL BE FAMILIAR WITH THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT, AND IMPLEMENT THOSE RULES AS THEY APPLY TO THIS PROJECT. 8. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE BUILDING CODES AS NOTED ON CODE SHEETS. 9. CONTRACTOR SHALL SUBMIT CONFORMATION OF ORDERED MATERIALS OR ITEMS NECESSARY TO COMPLETE THE PROJECT WITH PROJECTED 11. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL TRADES AND THE PREVENTION OF CONFLICT AMONG ALL TRADES. 12. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITY LINES. LOCATIONS SHOWN ARE APPROXIMATE. REPAIR ALL DAMAGE TO UTILITY LINES CAUSED BY CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER. 13. PROVIDE SEALANT AT ALL JOINTS OR CRACKS THAT OCCUR WHERE DISSIMILAR MATERIALS INTERSECT PERPENDICULAR TO EACH OTHER, AND THE INTERSECTION IS EXPOSED TO VIEW, UNLESS INDICATED OTHERWISE ON THE DRAWINGS. 14. ALL PENETRATIONS AT SMOKE AND FIRE RATED WALLS, FLOORS, OR CEILINGS, SHALL BE PROTECTED, SEALED OR DAMPERED USING ONLY U.L. AND/OR I.C.B.O. APPROVED METHODS, MATERIALS AND INSTALLATION. 15. CONTRACTOR SHALL TAKE CARE TO MAINTAIN EXISTING FIRE PROTECTION SYSTEMS. REPLACE FIRE-PROOFING AND SEALANTS TO ORIGINAL STATE WHERE DISTURBED BY CONSTRUCTION AND WHERE CONNECTIONS OF NEW CONSTRUCTION MUST INTERFACE WITH EXISTING PROTECTED STRUCTURAL MEMBERS OR BUILDING COMPONENTS. 15. PAINT ALL EXPOSED STEEL UNLESS NOTED OTHERWISE. 16. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING AND SHORING REQUIRED DURING CONSTRUCTION. 17. ALL WORK AND MATERIAL SHALL BE REGARDED AS NEW UNLESS SPECIFICALLY INDICATED AS "EXISTING" OR "(E)" ON THE DRAWINGS AND DESCRIBED WITHIN THE SPECIFICATIONS. 18. TYPICAL DETAILS MAY NOT NECESSARILY BE REFERENCED ON THE DRAWINGS, BUT APPLY UNLESS NOTED OTHERWISE. 19. SECURITY AND SAFETY ARE THE CONTRACTOR'S RESPONSIBILITY. COORDINATE WITH CONTRACTING OFFICER'S REPRESENTATIVE.		
--	--	--



CLIENT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
ARIF & ASSOCIATES C. 84, Block 8 Gulshan-e-Iqbal, Karachi, Karachi City, Sindh 75300			
HVAC AND PLUMBING CONSULTANTS			
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NOTE:			
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* ALL ERROR EMISSION TO BE REPORTED TO THE ARCHITECT DURING EXCECUITON WORK			
*ADJUST GRID AS PER SURVEY PLAN			
01	ISSUE FOR Construction		24-3-25
NO.	REVISION/ISSUE		DATE
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.IIi			
TITLE			
SITE PLAN			
SCALE		DATE	
N.T.S		Mar '25	
DWG. NO.	A-00.1		SHEET 1 of 1
			REV.



COORDINATES OF AUXILIARY SURVEY CONTROL STATIONS
ARCHITECTURAL & DECIMAL UNITS

STN	EASTING	NORTHING	LEVEL
C1	65616'-10"	65616.80	32808'-5"
C2	65598'-3"	65598.26	32741'-10"

COORDINATES OF BENCHMARKS
ARCHITECTURAL & DECIMAL UNITS

BM	EASTING	NORTHING	LEVEL	DESCRIPTION
BM1	65647'-7"	65647.57	32823'-0"	STEEL NAIL EMBEDDED ON ELECTRIC POLE FOUNDATION
BM2	65669'-9"	65669.77	32833'-2"	STEEL NAIL EMBEDDED ON FOOTPATH WALL
BM3	65621'-4"	65621.36	32859'-4"	STEEL NAIL EMBEDDED ON FOOTPATH WALL

NOTES:-

- ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
- DATUM DESCRIPTION:
HORIZONTAL DATUM ESTABLISHED AT STATION C1 BASED ON MAGNETIC NORTH.
C1 E = 65616'-10" N = 32808'-5"
VERTICAL DATUM ESTABLISHED 100R ON 300'-0" WIDE NATIONAL HIGHWAY.
E = 65650'-0" N = 32885'-11" Z = 100.00
- CONTOUR INTERVAL:
MAJOR : 1.00R
MINOR : 0.25R
- PLOT AREA = 1868.58 SQFTS
= 207.62 SQYDS
- ALL UNDERGROUND UTILITIES HAVE BEEN IDENTIFIED USING LOCAL INFORMATION.

CLIENT

HBL
69-C,National
Highway, PH.II

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Email: fahimnaji@cyber.net.pk

LEGEND:-	
AUXILIARY SURVEY CONTROL STATION	△
BENCHMARK	⊕
TREE	⊙
TELEPHONE POLE	⊕
ELECTRIC POLE	⊕
SEWERAGE MANHOLE	⊕
ELECTRIC MANHOLE	⊕
LIGHT POLE	⊕
COLUMN	■
ROAD	—
DIMENSION	—
SHED	—
WATER PIPELINE	—
GAS PIPELINE	—
LOW POWER LINE	—
PLOT LIMIT AS PER SITE PLAN	—
CONTOURS MAJOR	—
CONTOURS MINOR	—
WALL TOP LEVEL	WTL=
BUILDING TOP LEVEL	BTL=
WIRE BOTTOM LEVEL	WBL=
MANHOLE TOP LEVEL	MTL=

01 ISSUE FOR Construction 24-3-25

NO. REVISION/ISSUE DATE

CLIENT

HABIB BANK LIMITED

Address
**PLOT NO
69-C,National Highway, PH.II**

TITLE

SITE PLAN

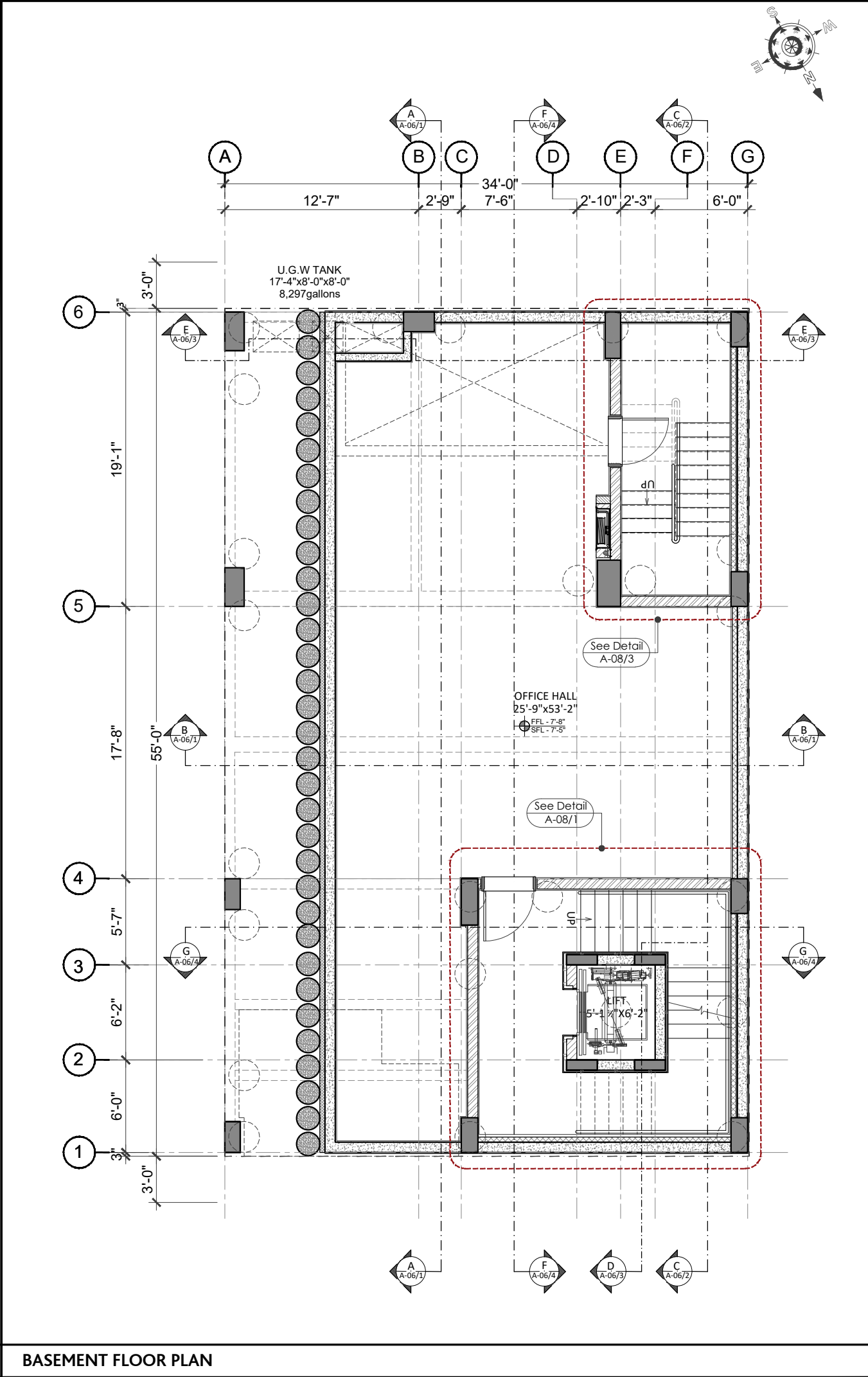
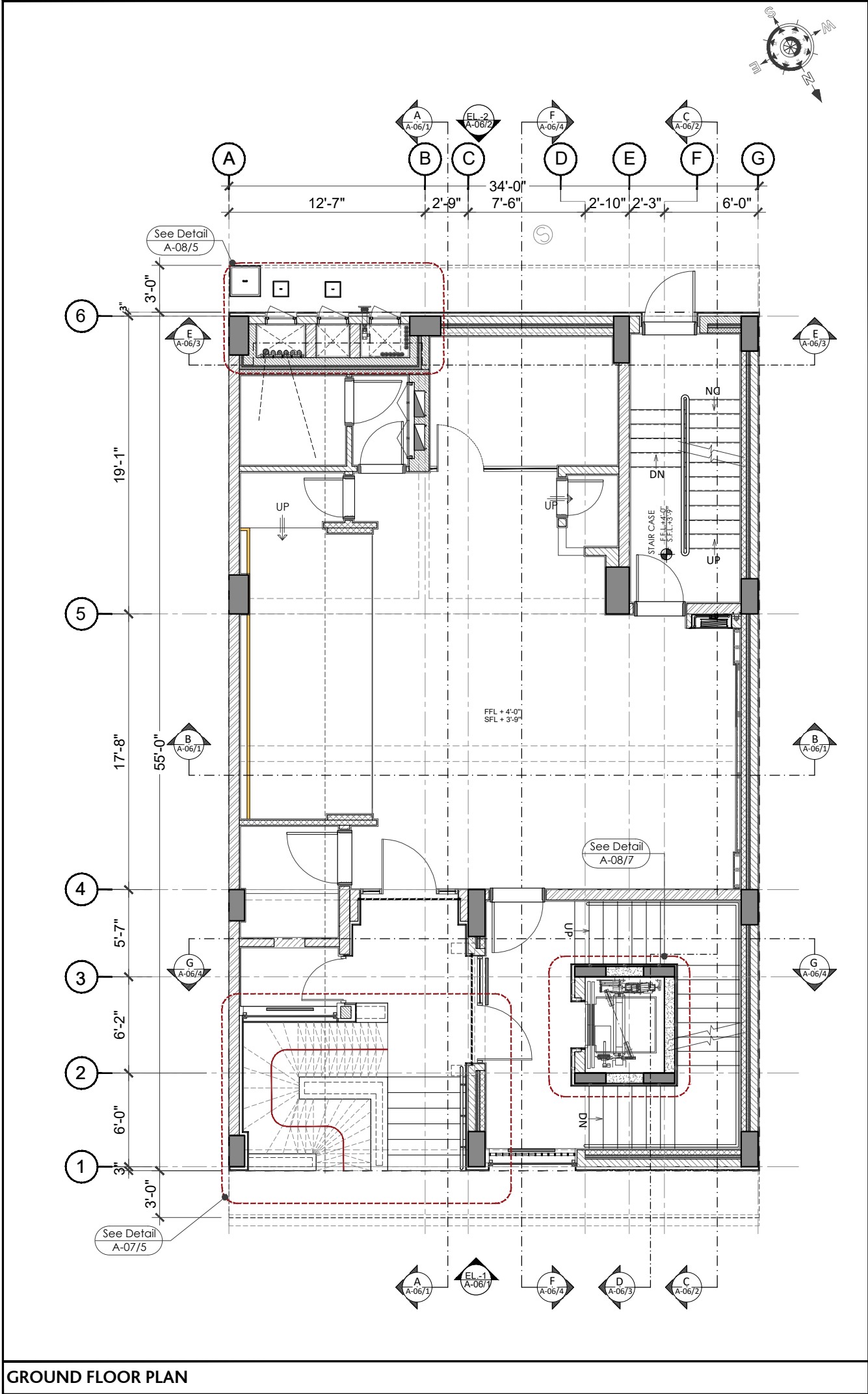
SCALE DATE

N.T.S Mar '25

DWG. NO. SHEET REV.

A-00.1

1
of
1



PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



COLLABORATIVE
DESIGN

STRUCTURE CONSULTANT'S

Engineer:  **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL, KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

HVAC AND PLUMBING CONSULTANTS

 **FAHIM, NANJI & DESOUZA**
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11/AC House, Abdullah Haroon Road, Karachi-74400
Pakistan
Ph: (92-21) 563-7878-82
Fax: (92-21) 521-1634
Email: fahimnaji@cyber.net.pk

NOTE:

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INCHES (")
* ALL ERROR EMISSION TO BE REPORTED
TO THE ARCHITECT DURING
EXCECUITON WORK

PARTITION KEY

6" MASONRY WALL	
8" MASONRY WALL	
4" MASONRY WALL	
R.C.C COLUMN	
R.C.C WALL	
CEMENT BOARD 4" THICK	
2" INSULATION	

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

WORKING LAYOUT

SCALE

1/8"= 1'-0"

DATE

Mar '25

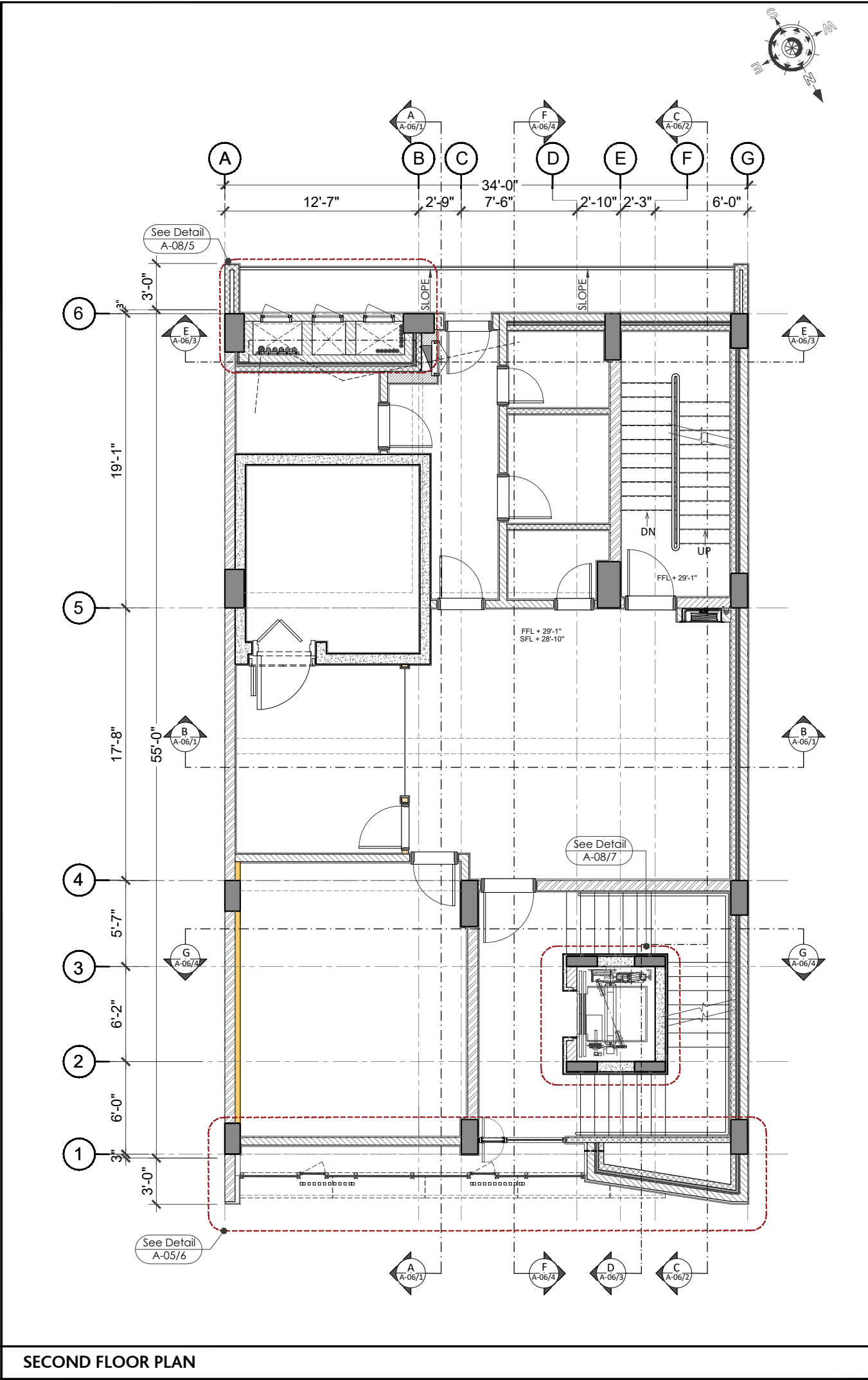
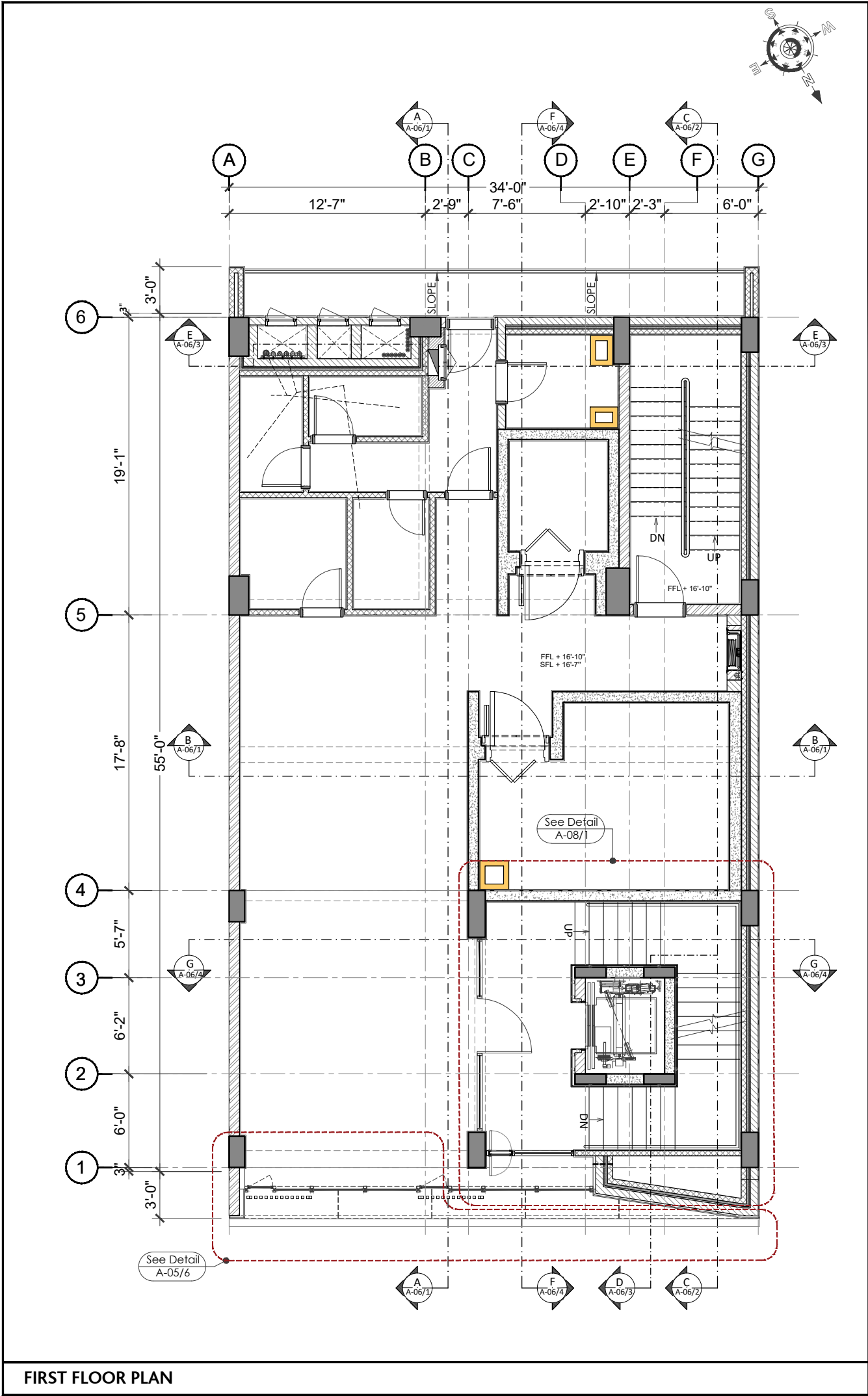
DWG. NO.

A-00-GF
& BF

SHEET

1
of
4

REV.



PROJECT

HBL
69-C,National
Highway, PH.II

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8" MASONRY WALL

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R.C.C COLUMN

R.C.C WALL

CEMENT BOARD 4" THICK

2" INSULATION



01

ISSUE FOR
Construction

24-3-25

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69-C,National Highway, PH.II**

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SCALE

DATE

1/8" = 1'-0"

Mar '25

DWG. NO.

SHEET

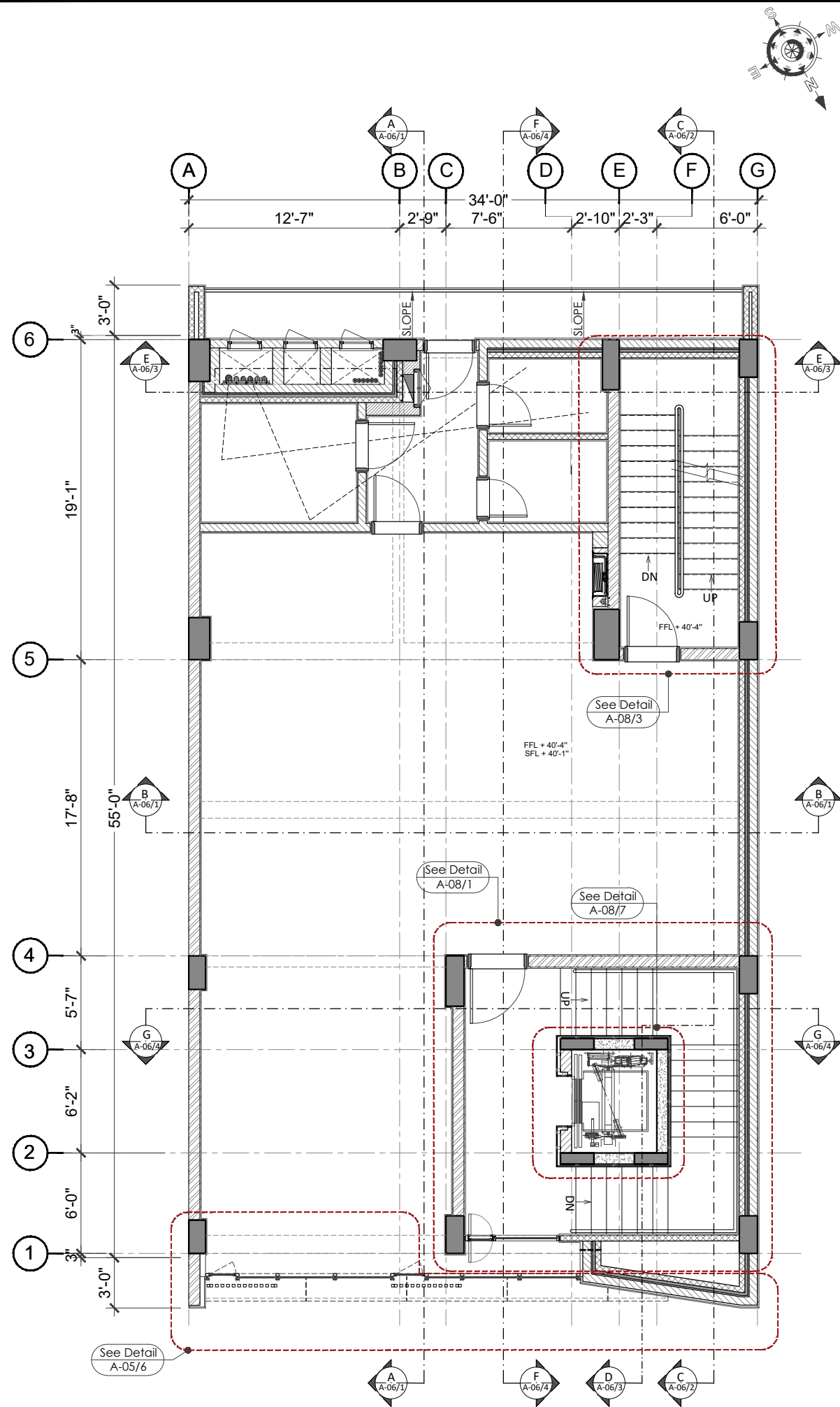
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& 2F

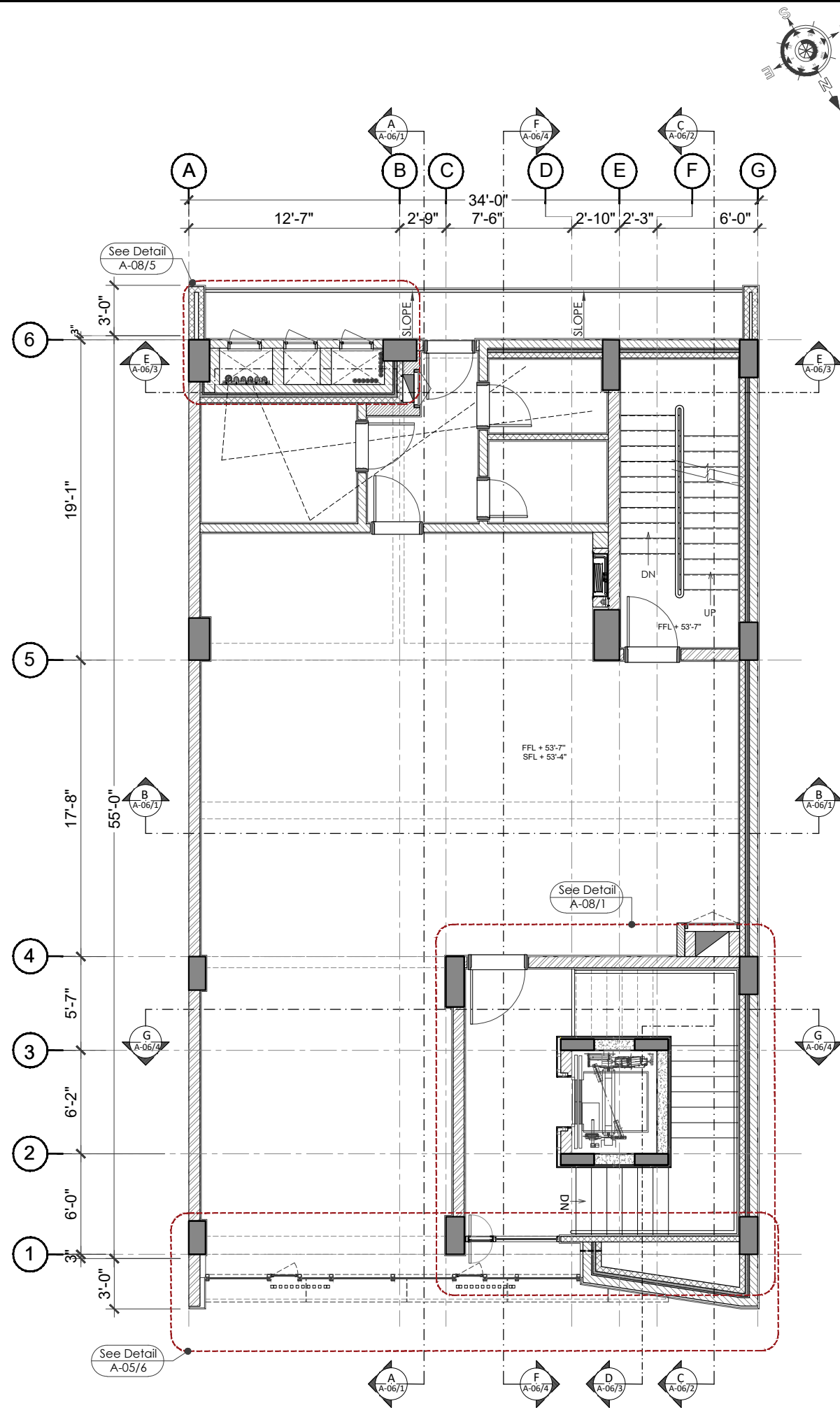
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of
4

FIRST FLOOR PLAN

SECOND FLOOR PLAN



THIRD FLOOR PLAN



FOURTH FLOOR PLAN

PROJECT

HBL
69-C, National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



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R.C.C WALL	
CEMENT BOARD 4" THICK	
2" INSULATION	

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C, National Highway, PH.II

TITLE

WORKING LAYOUT

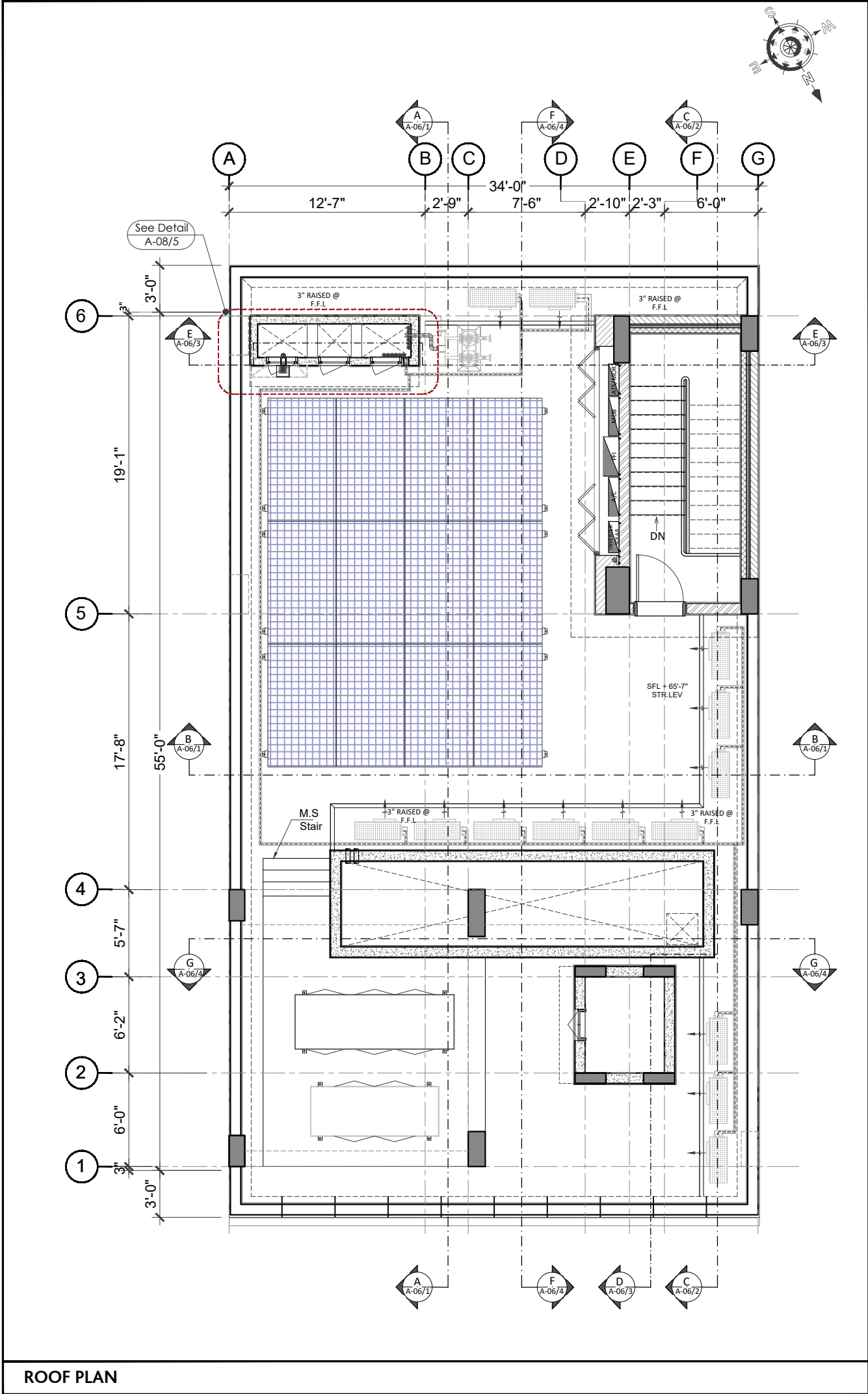
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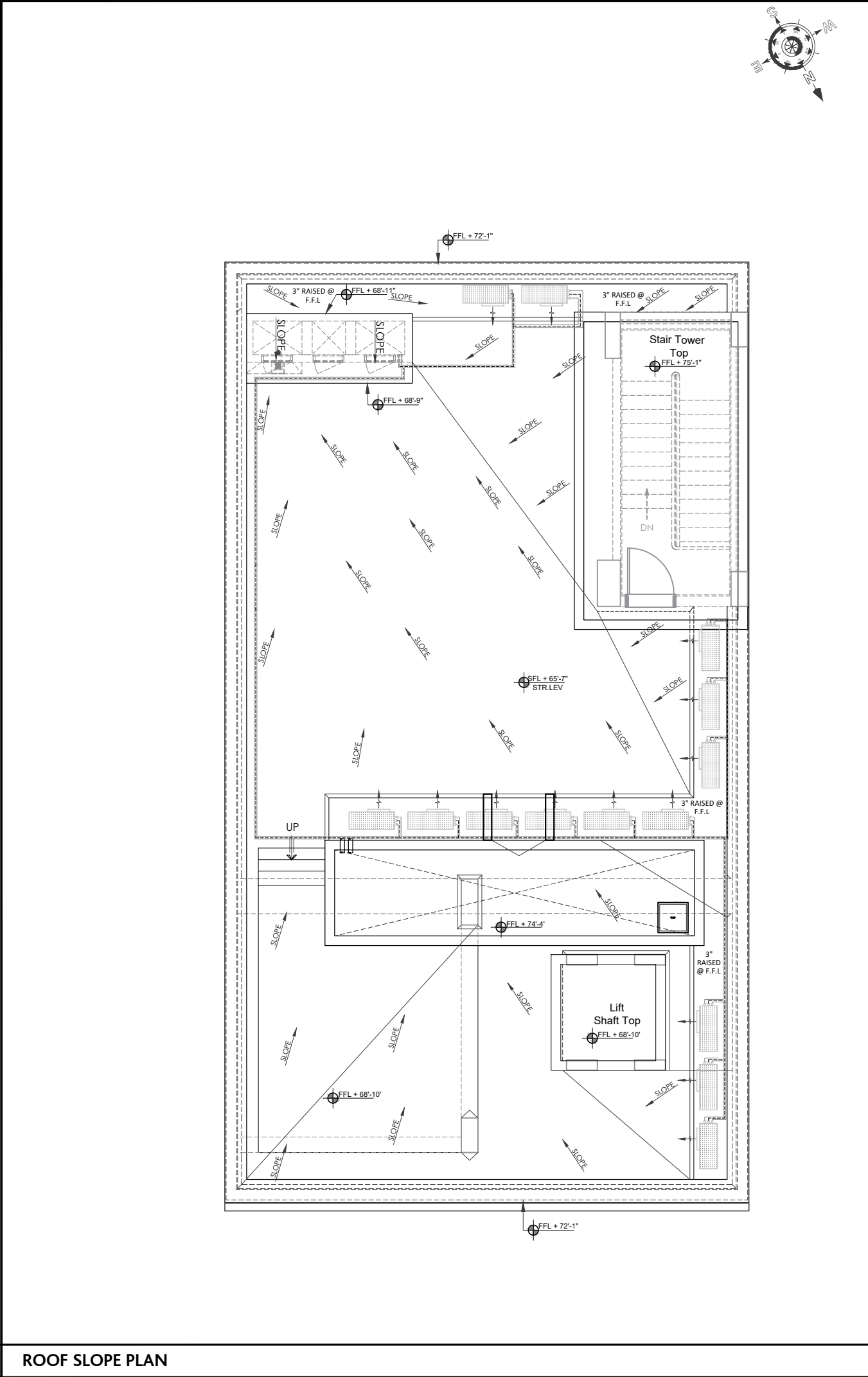
DATE

Mar '25

DWG. NO.	A-00-3F & 4F	SHEET 3 of 4	REV.
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ROOF PLAN



ROOF SLOPE PLAN

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS


COLLABORATIVE
DESIGN

STRUCTURE CONSULTANT'S

Engineer:  **ARIF & ASSOCIATES**
CONSULTANTS
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R.C.C COLUMN	
R.C.C WALL	
CEMENT BOARD 4" THICK	
2" INSULATION	

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

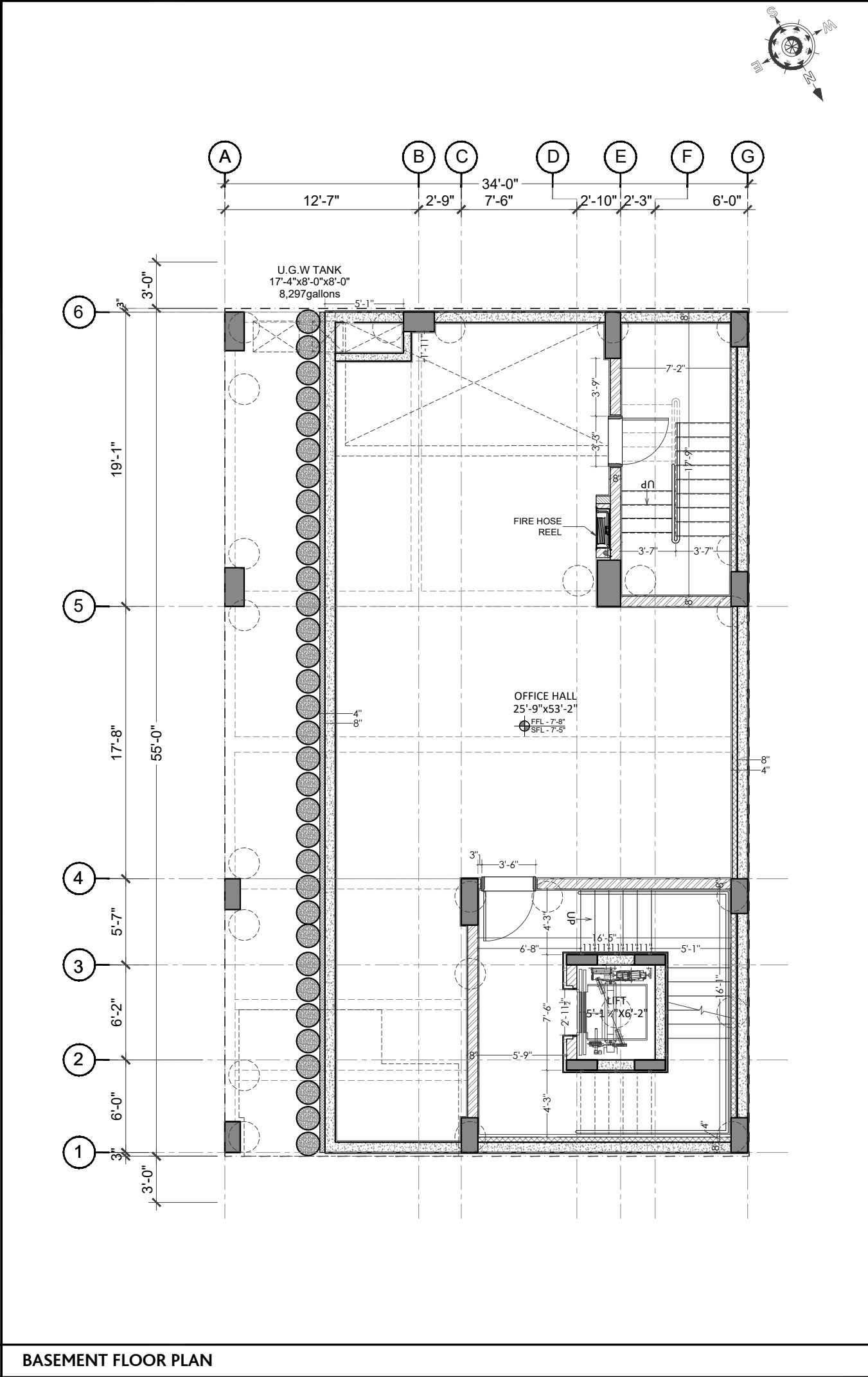
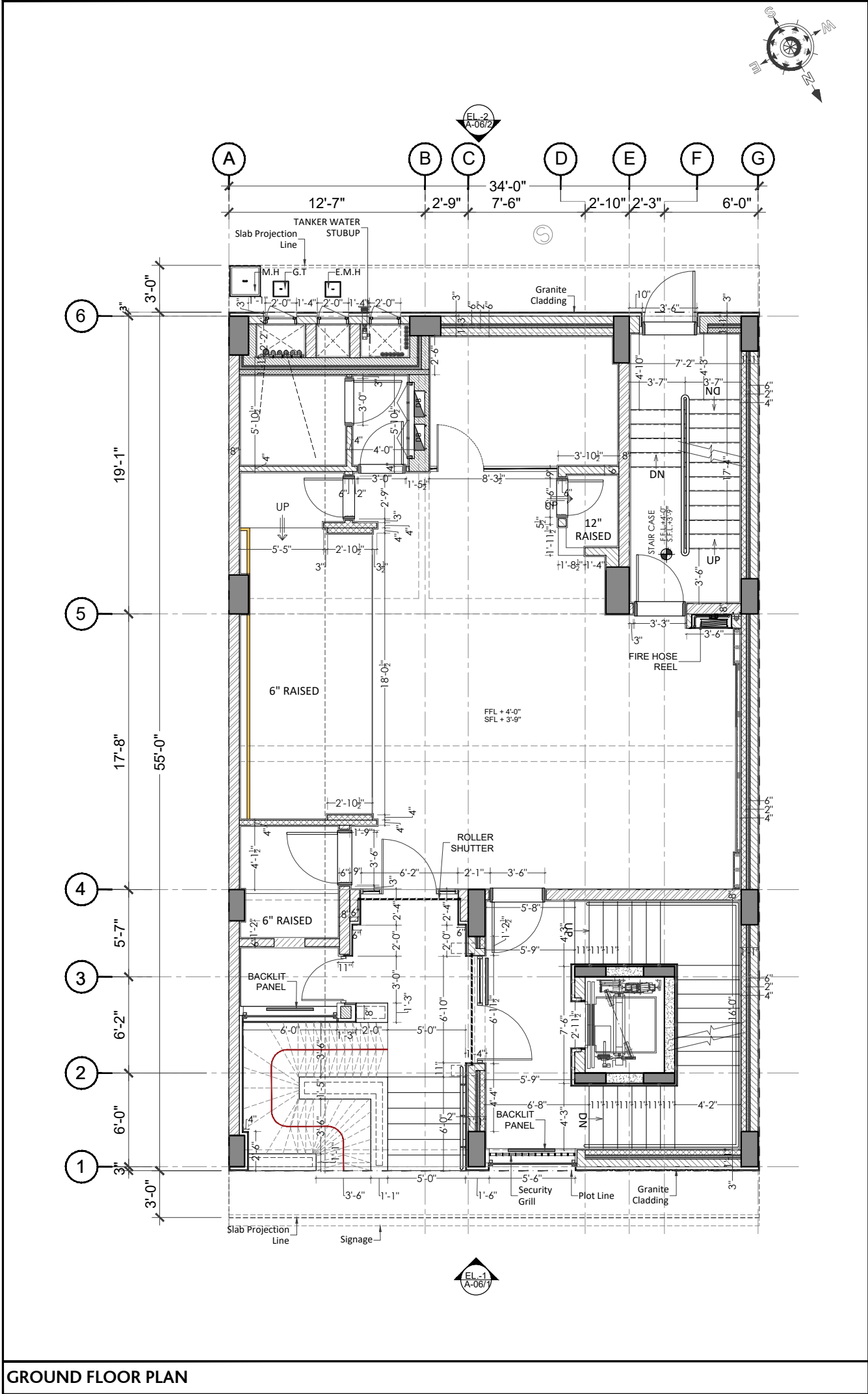
PLOT NO
69-C,National Highway, PH.II

TITLE

WORKING LAYOUT

SCALE	DATE
1/8" = 1'-0"	Mar '25

DWG. NO.	SHEET	REV.
A-00-R	4 of 4	



PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



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R.C.C COLUMN

R.C.C WALL

CEMENT BOARD 4" THICK

2" INSULATION

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

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69-C,National Highway, PH.II

TITLE

MASONRY LAYOUT

SCALE

1/8"= 1'-0"

DATE

Mar '25

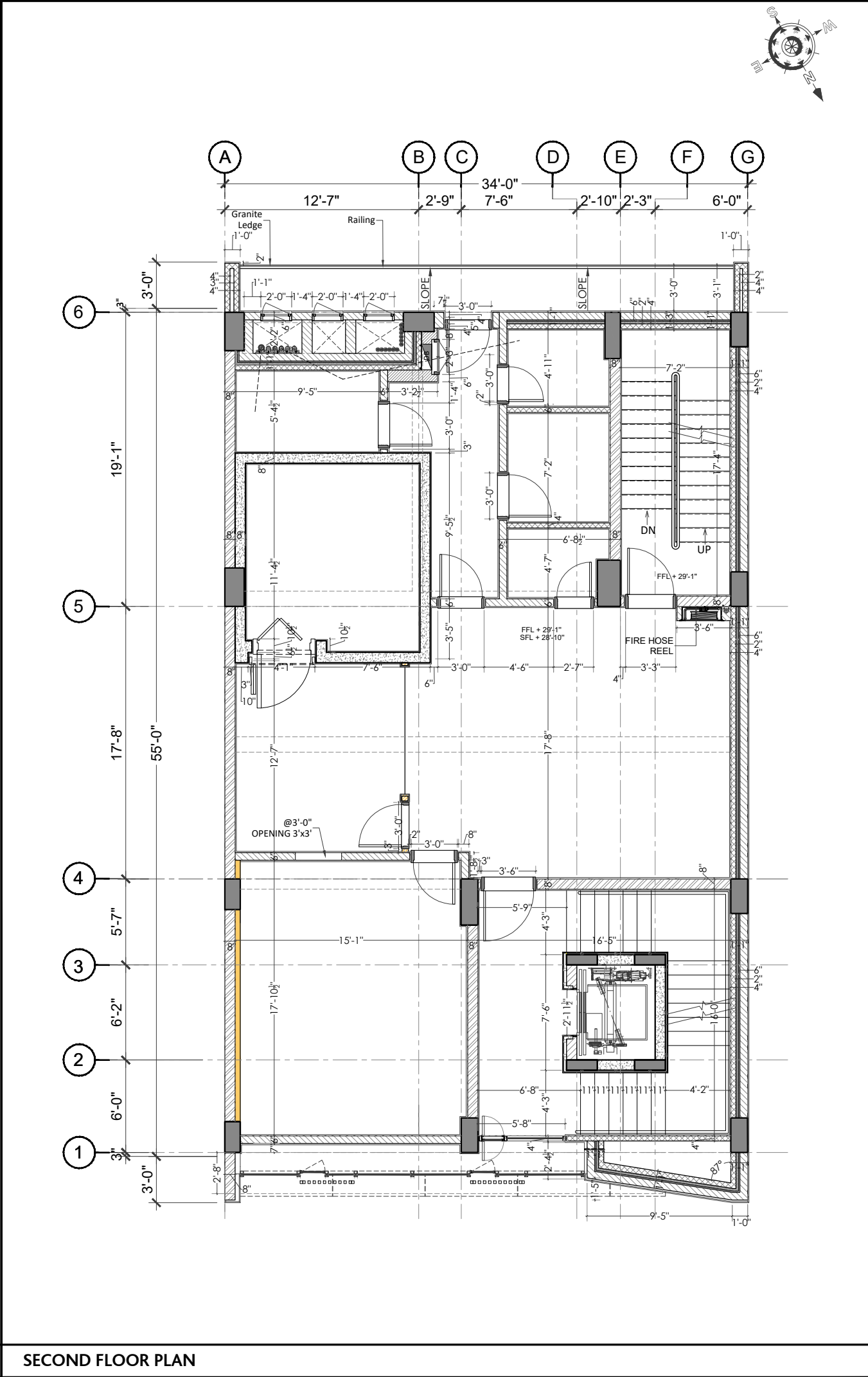
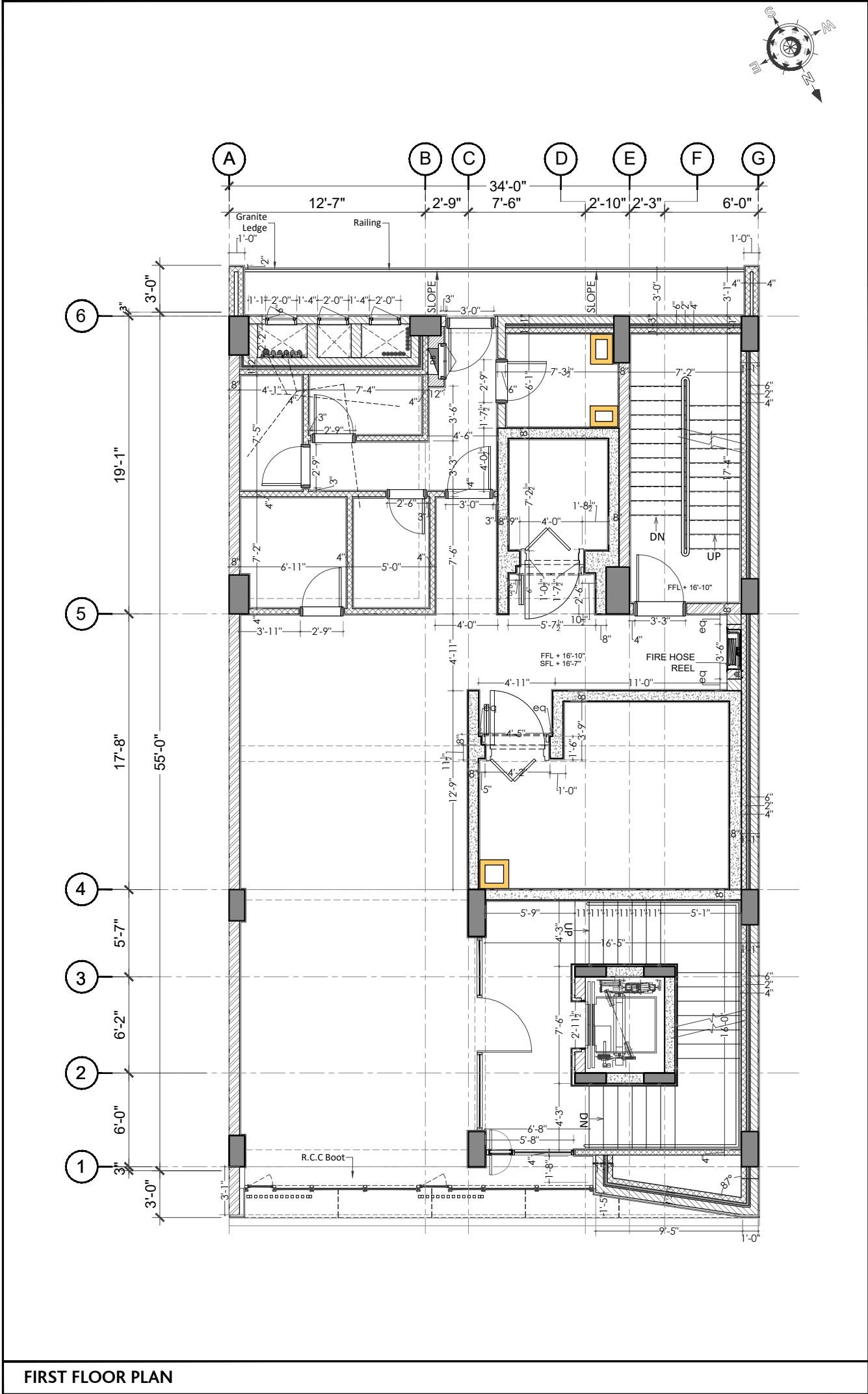
DWG. NO.

A-01-GF
& BF

SHEET

1
of
4

REV.



PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

MASONRY LAYOUT

SCALE

1/8"= 1'-0"

DATE

Mar '25

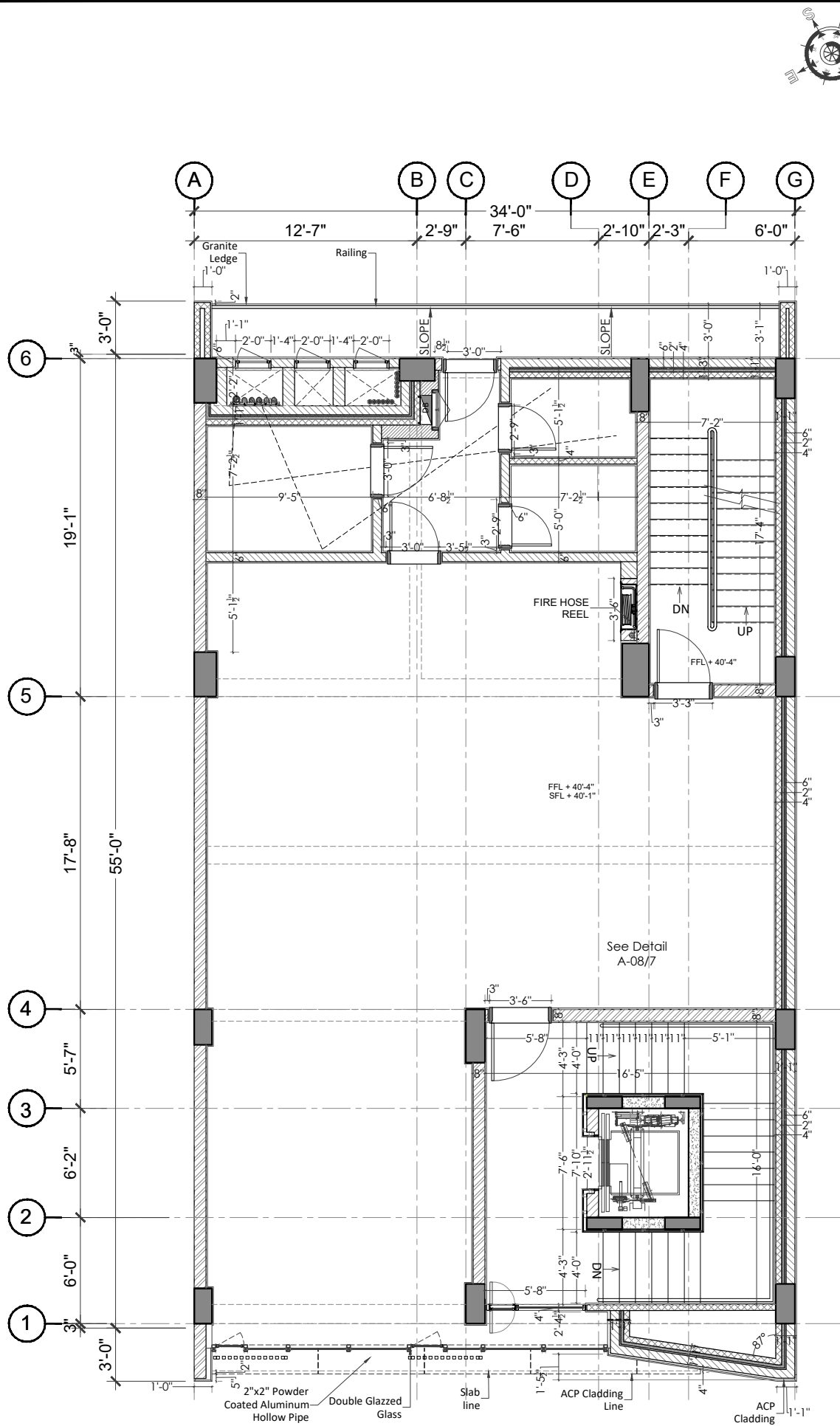
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A-01-1F
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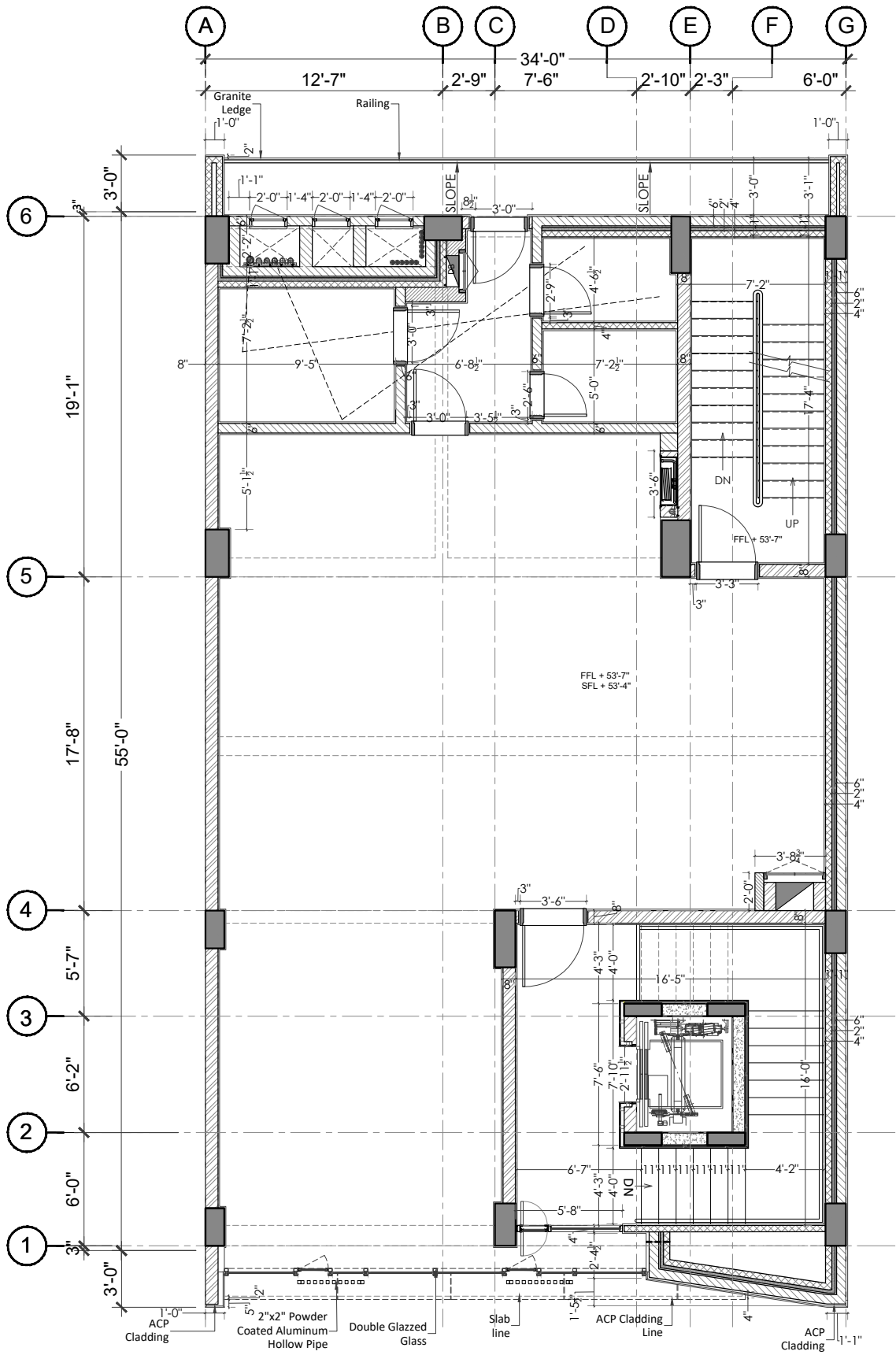
SHEET

2
of
4

REV.



THIRD FLOOR PLAN



FOURTH FLOOR PLAN

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
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R.C.C COLUMN	
R.C.C WALL	
CEMENT BOARD 4" THICK	
2" INSULATION	

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

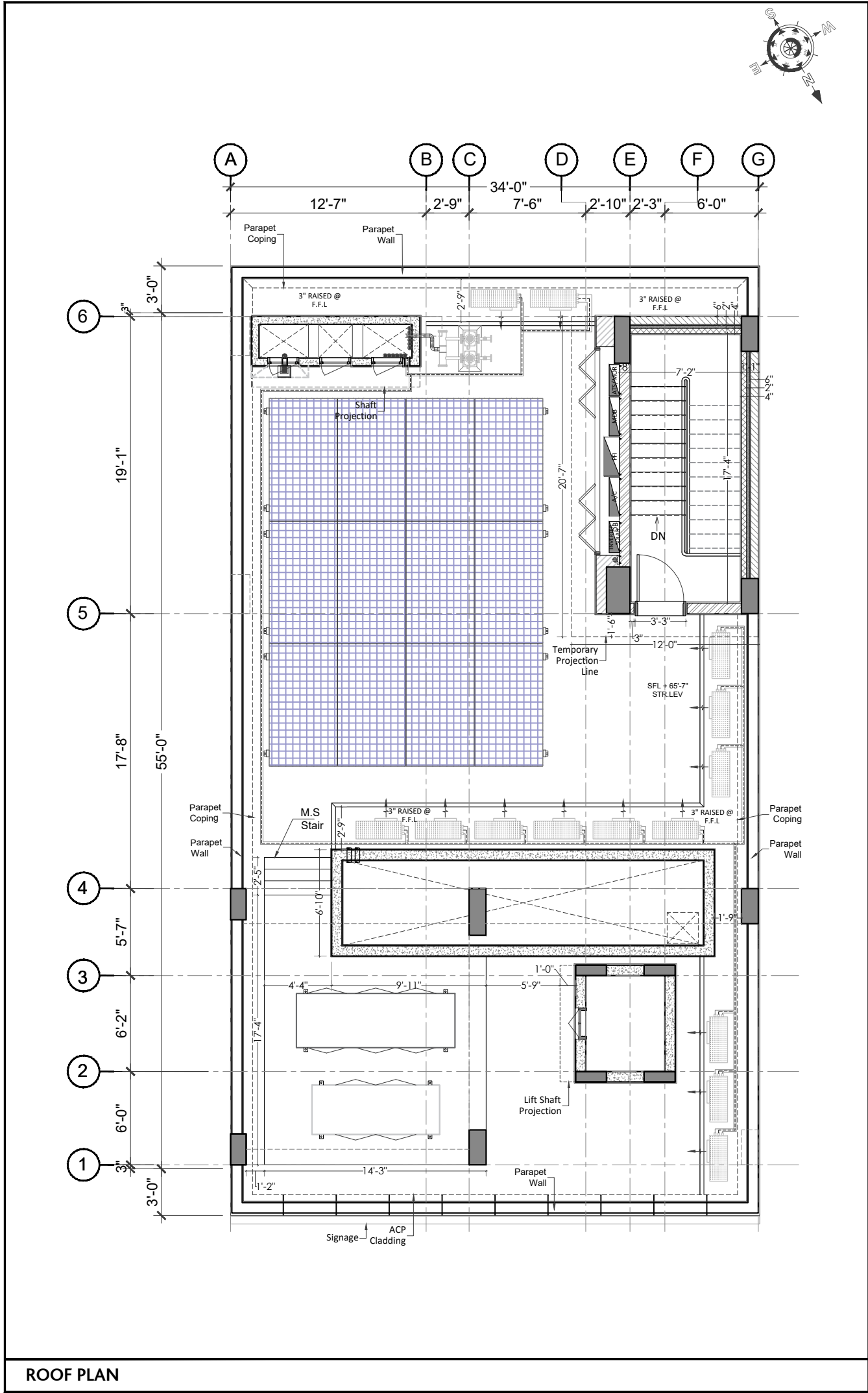
CLIENT
HABIB BANK LIMITED

Address
**PLOT NO
69-C,National Highway, PH.II**

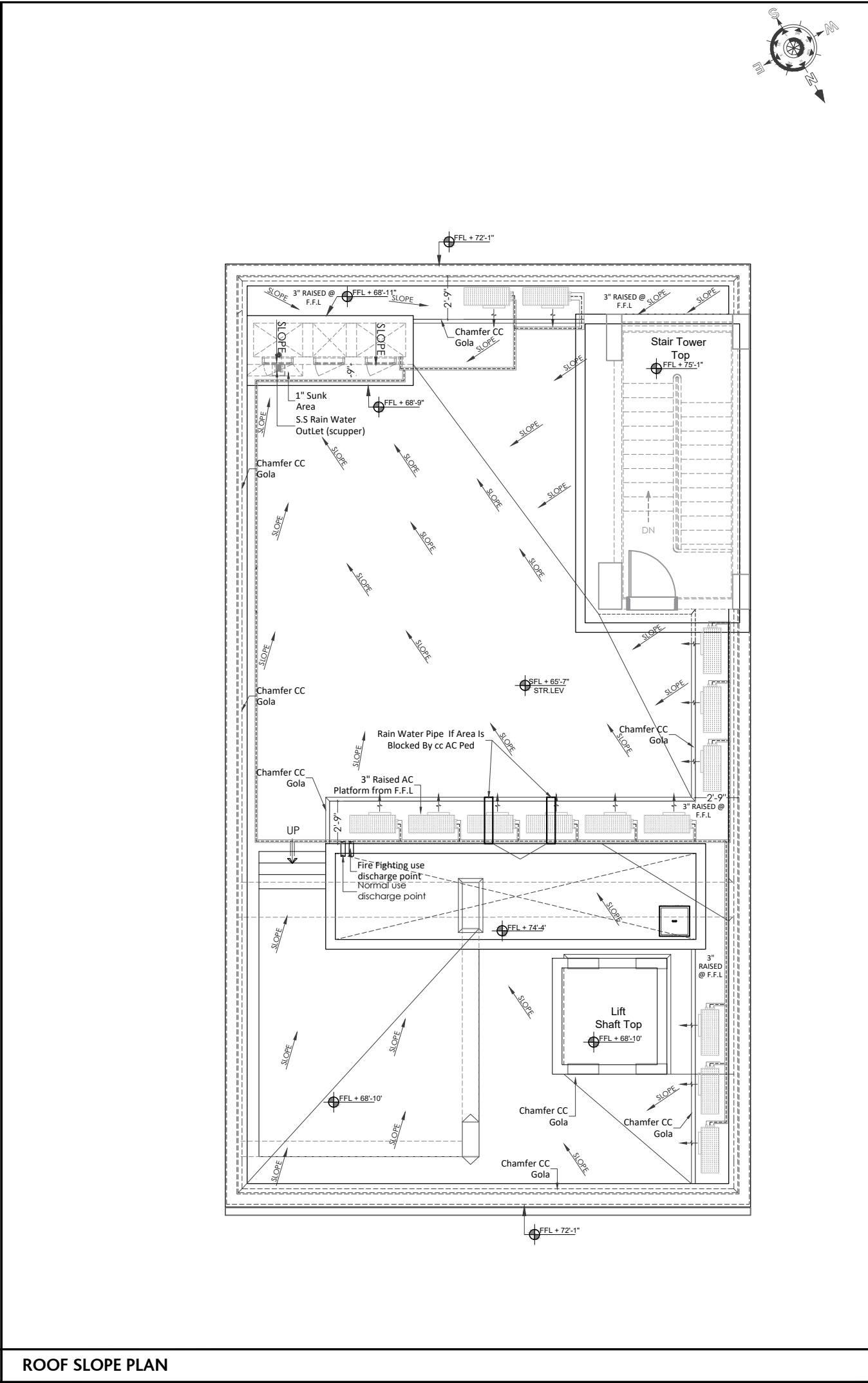
TITLE
MASONRY LAYOUT

SCALE	DATE
1/8"= 1'-0"	Mar '25

DWG. NO.	A-01-3F & 4F	SHEET 3 of 4	REV.
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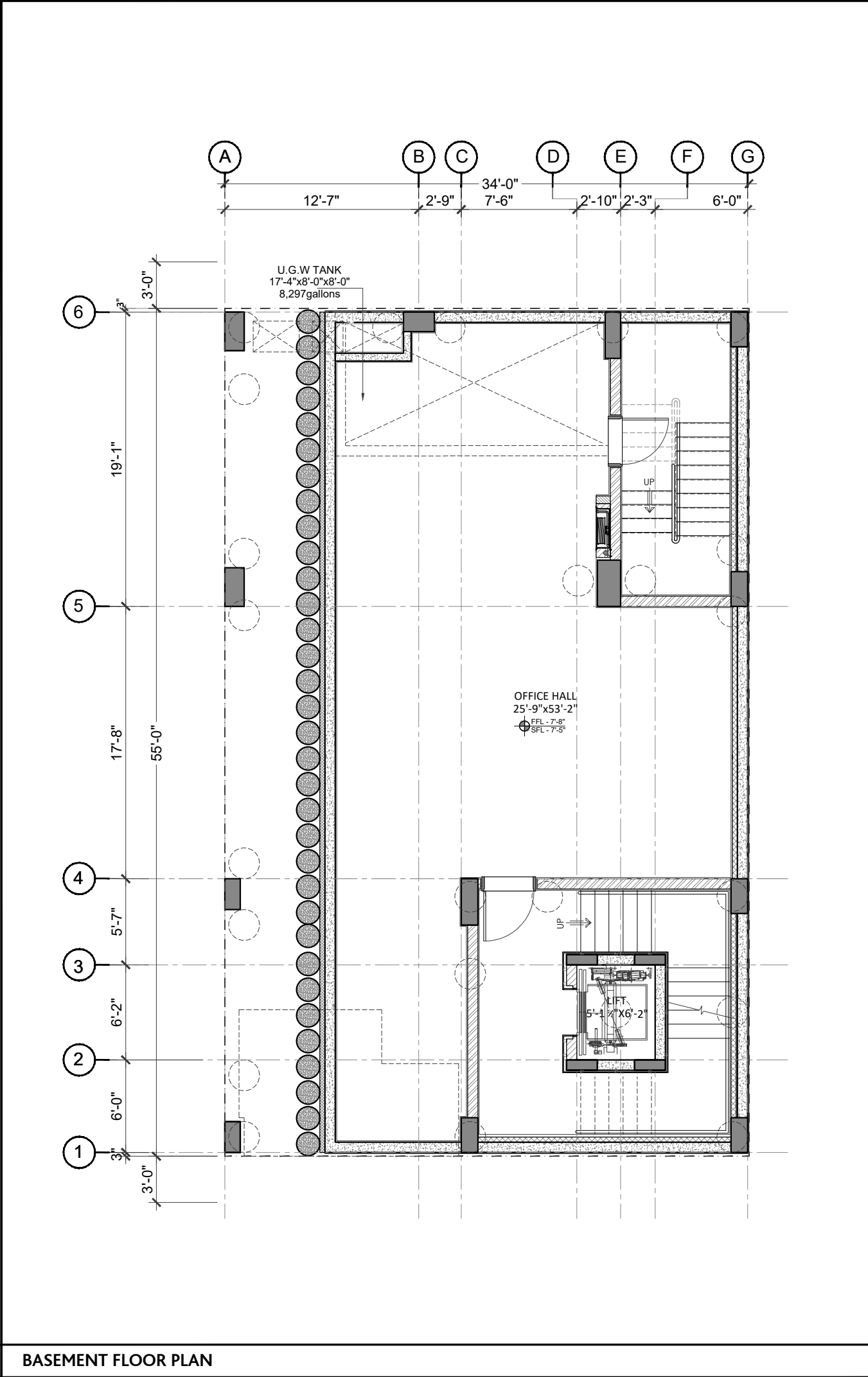
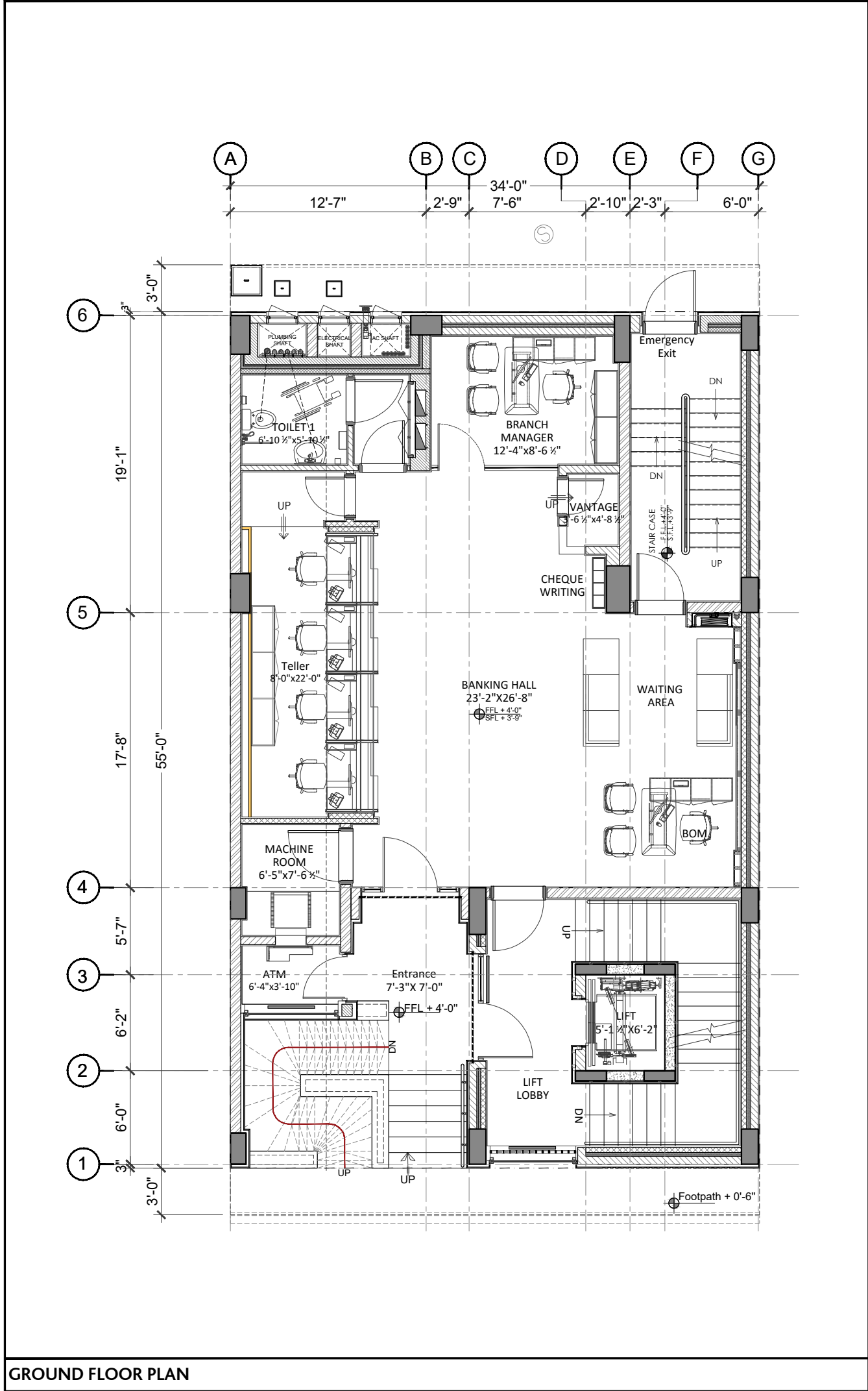


ROOF PLAN



ROOF SLOPE PLAN

PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer:  ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI. TEL: 021-34988461-34980871, FAX:34985907			
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NO.	REVISION/ISSUE	DATE	
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.II			
TITLE			
MASONRY LAYOUT			
SCALE		DATE	
1/8"= 1'-0"		Mar '25	
DWG. NO.	A-01-R	SHEET	REV.
		4 of 4	



PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

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HABIB BANK LIMITED

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69-C,National Highway, PH.II

TITLE

FURNITURE LAYOUT

SCALE

1/8"= 1'-0"

DATE

JAN '25

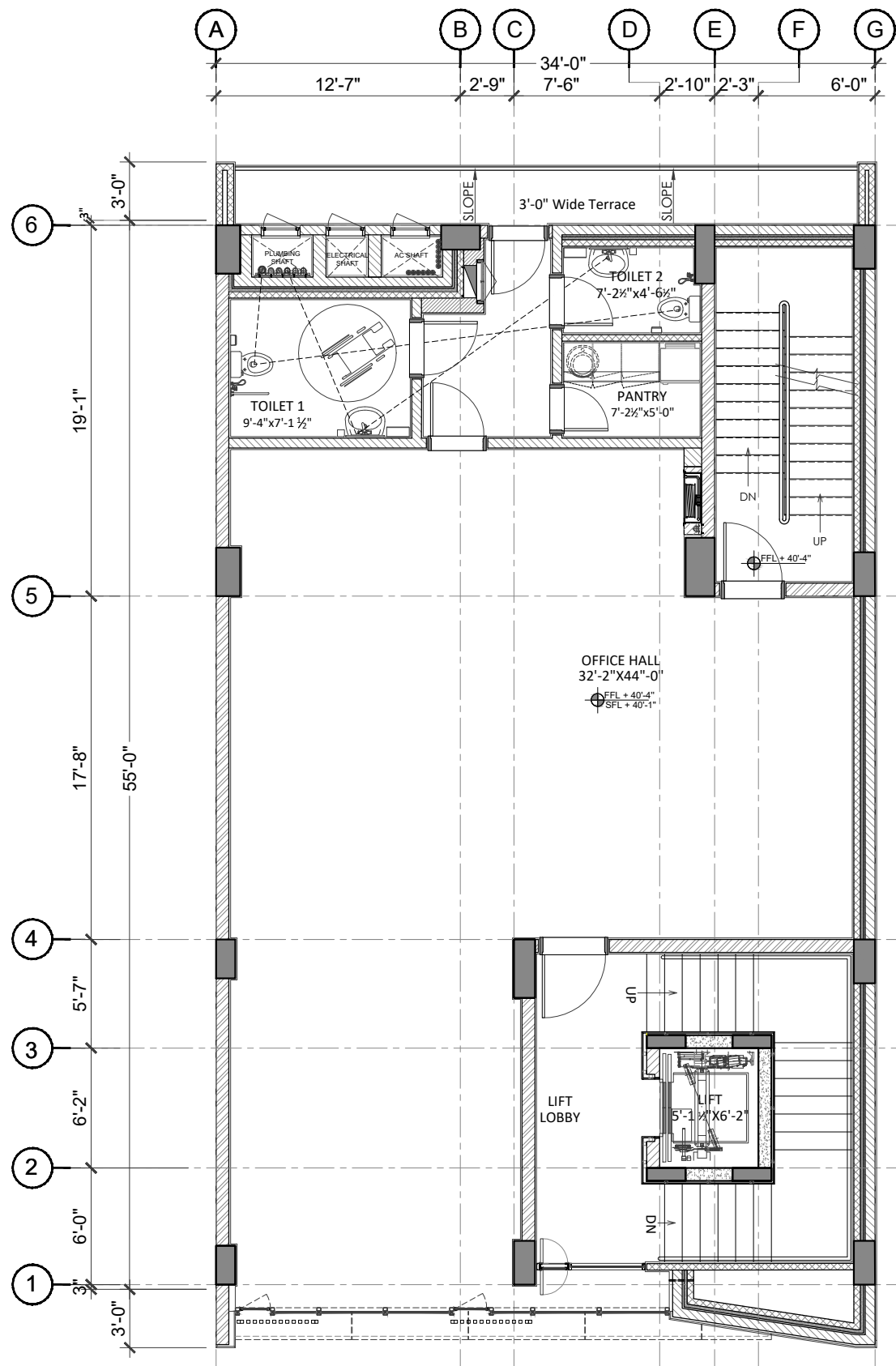
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A-02-GF
& BF

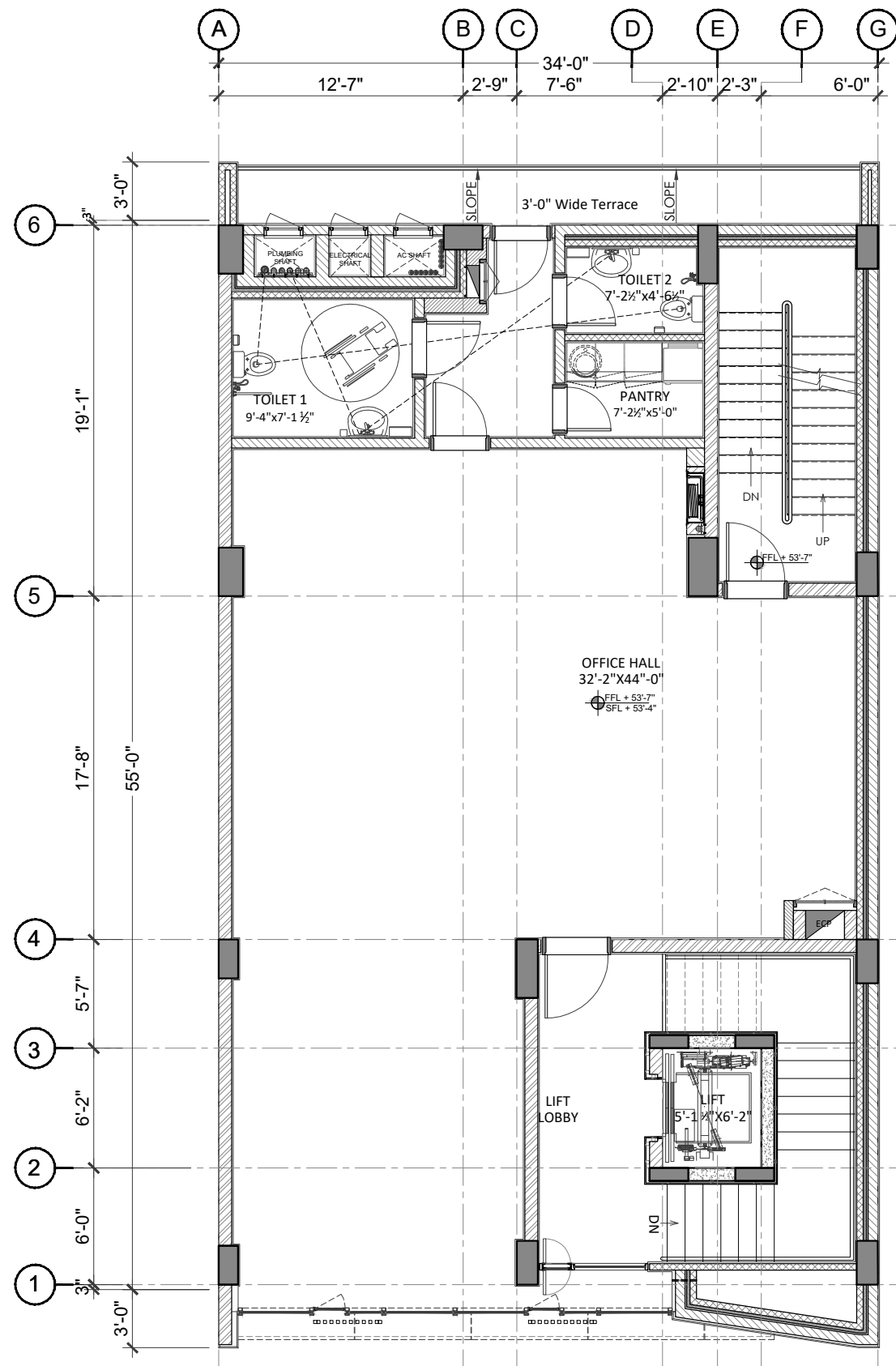
SHEET

1
of
4

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THIRD FLOOR PLAN



FOURTH FLOOR PLAN

PROJECT

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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

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TITLE

FURNITURE LAYOUT

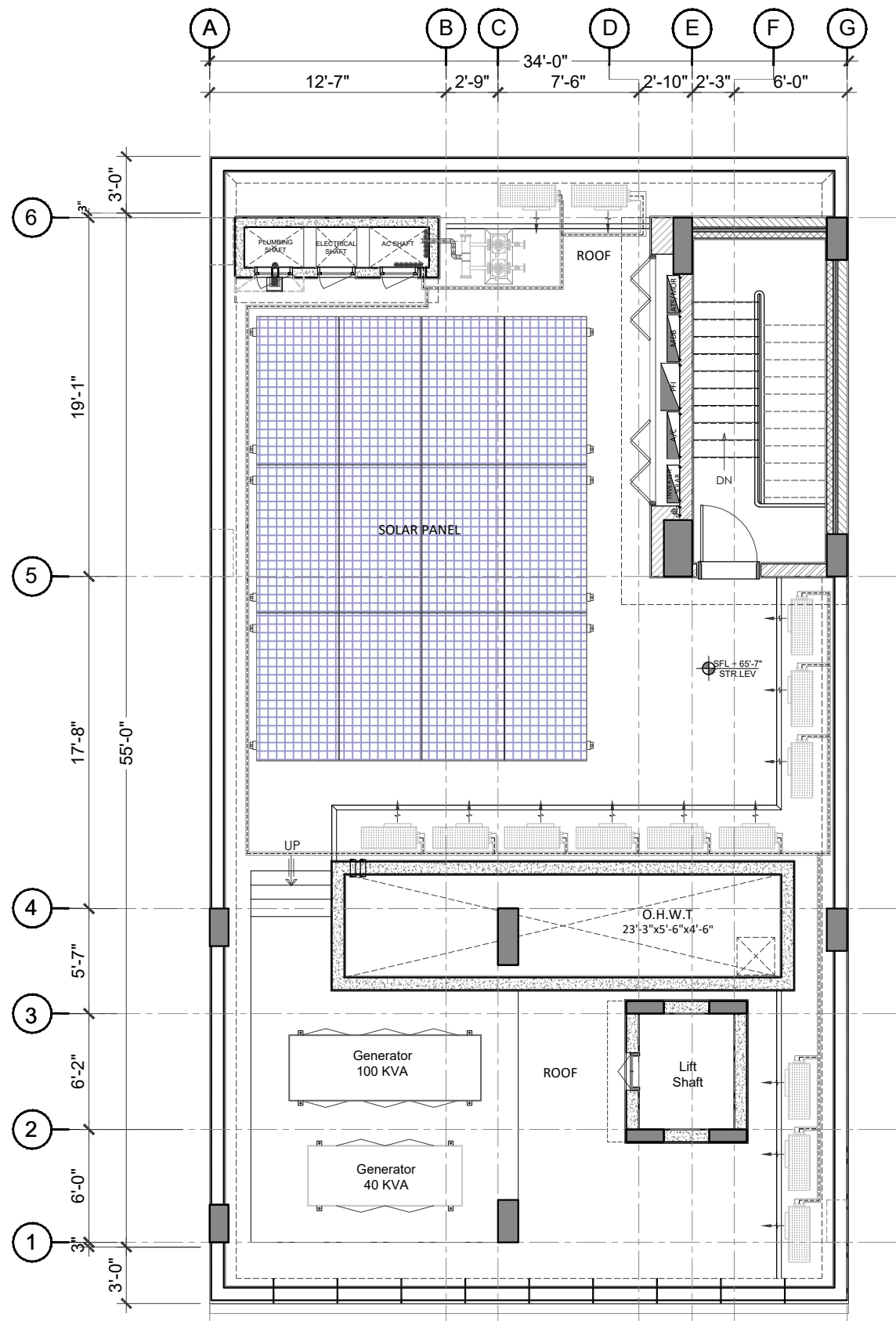
SCALE

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JAN '25

DWG. NO.	SHEET	REV.
A-02-3F & 4F	3 of 4	



PROJECT

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NO.	REVISION/ISSUE	DATE

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TITLE

FURNITURE LAYOUT

SCALE

1/8"= 1'-0"

DATE

Nov '24

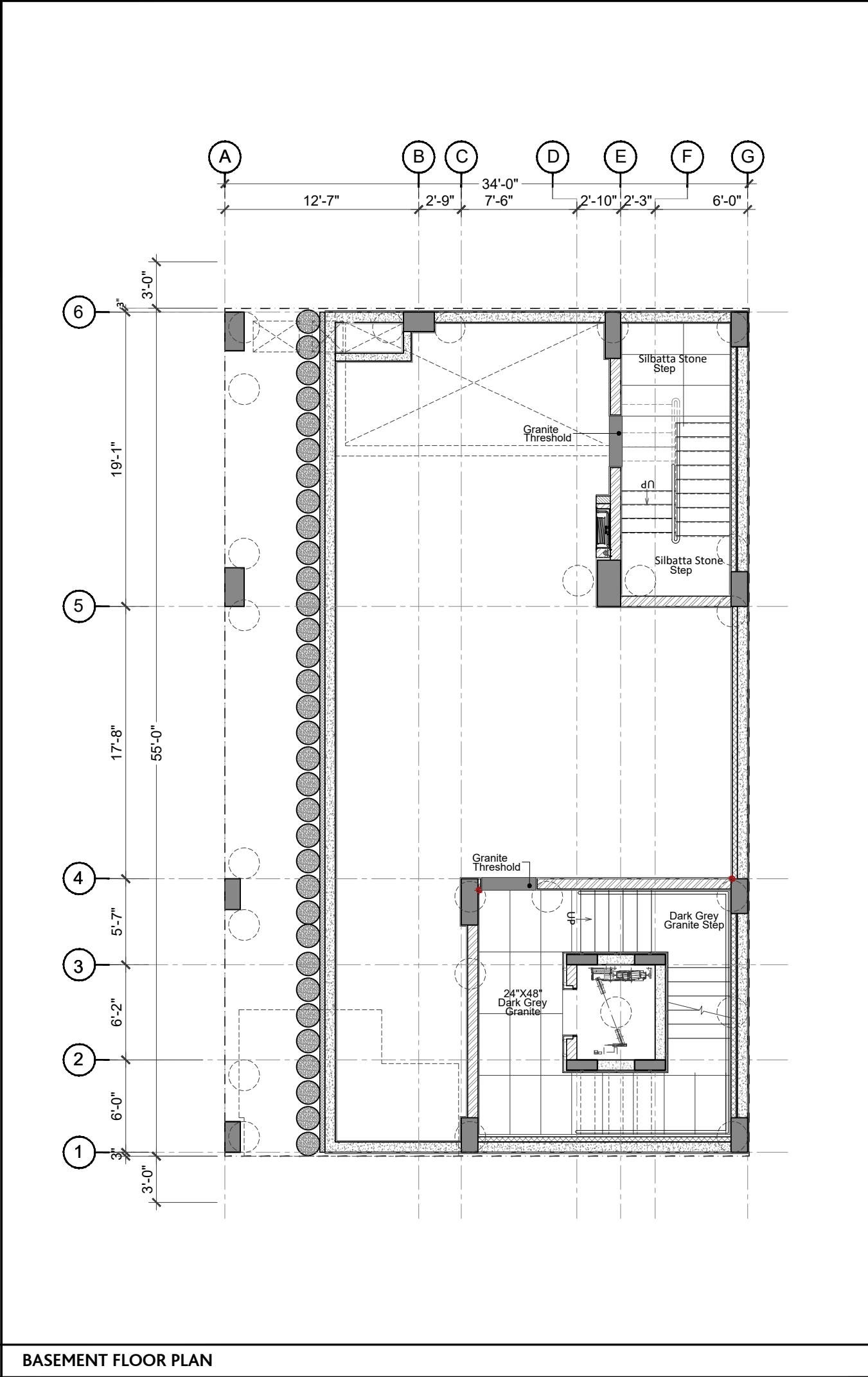
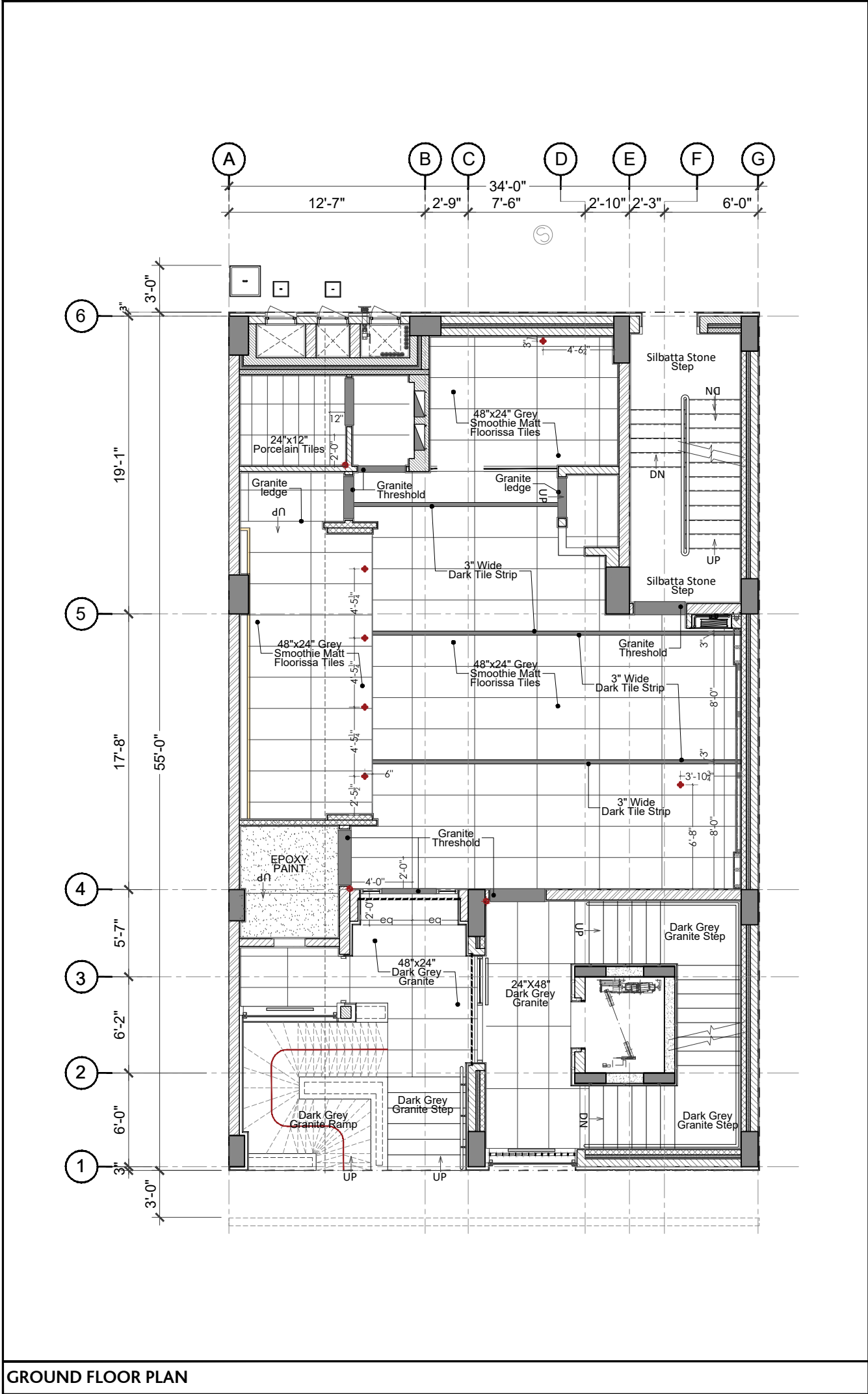
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A-02-R

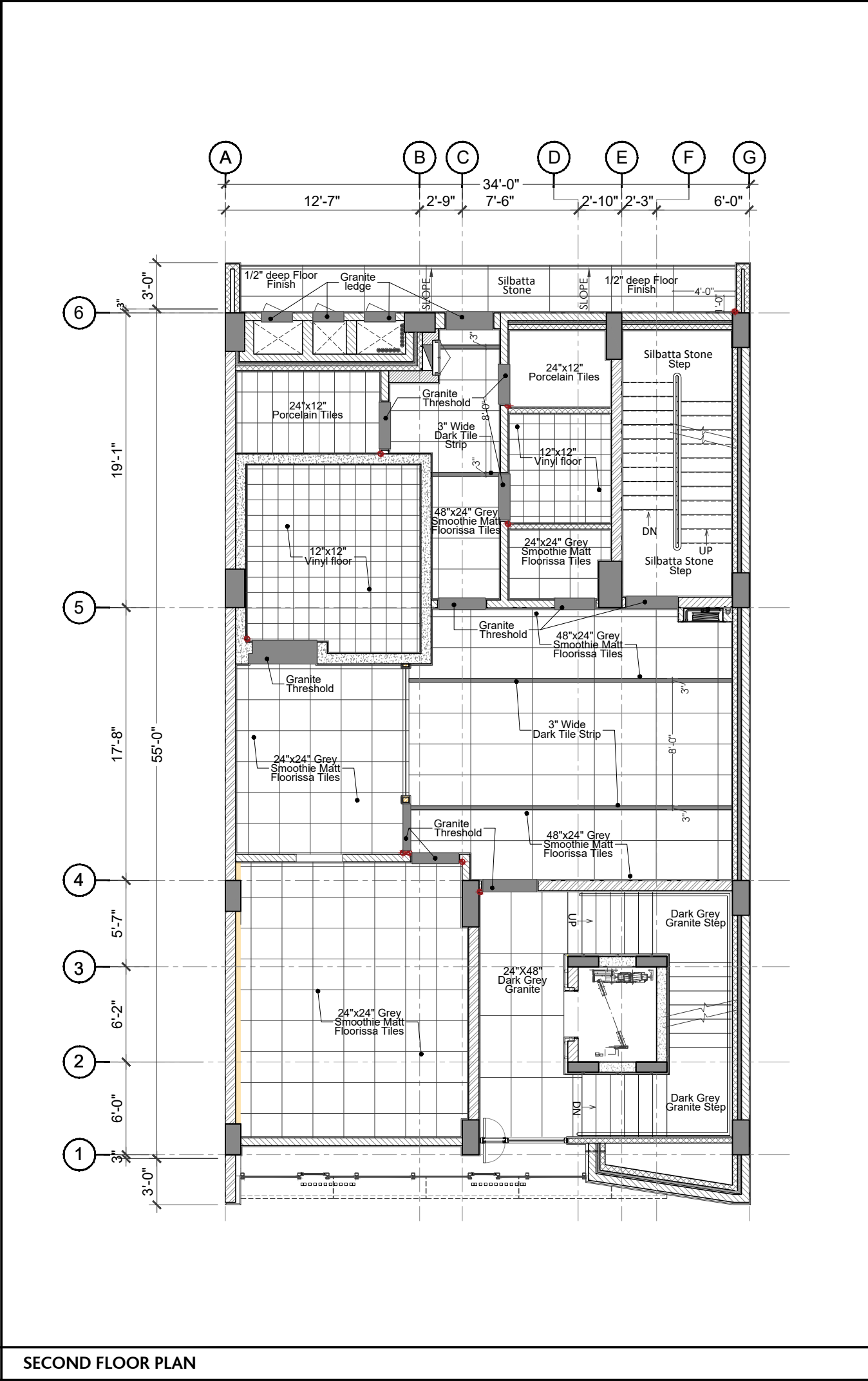
SHEET

REV.

4
of
4



PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
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FLOORING KEY			
FLOOR BOX			
ELECTRICAL RISER			
FLOORING START POINT			
01	ISSUE FOR Construction	24-3-25	
NO.	REVISION/ISSUE	DATE	
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.II			
TITLE			
FLOORING LAYOUT			
SCALE		DATE	
1/8"= 1'-0"		Mar '25	
DWG. NO.	A-03	SHEET	REV.
		1 of 4	



PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer:  **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL, KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

HVAC AND PLUMBING CONSULTANTS

 **FAHIM, NANJI & DESOUZA**
Consulting Engineers
HVAC, Plumbing, Mechanical
10, ILACO House, Abdullah Haroon Road, Karachi-74400
Pakistan
Ph: (92-21) 563-7878-82
Fax: (92-21) 521-1634
Email: fahimnaji@cyber.net.pk

NOTE:

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FLOORING KEY

FLOOR BOX

ELECTRICAL RISER

FLOORING START POINT



01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

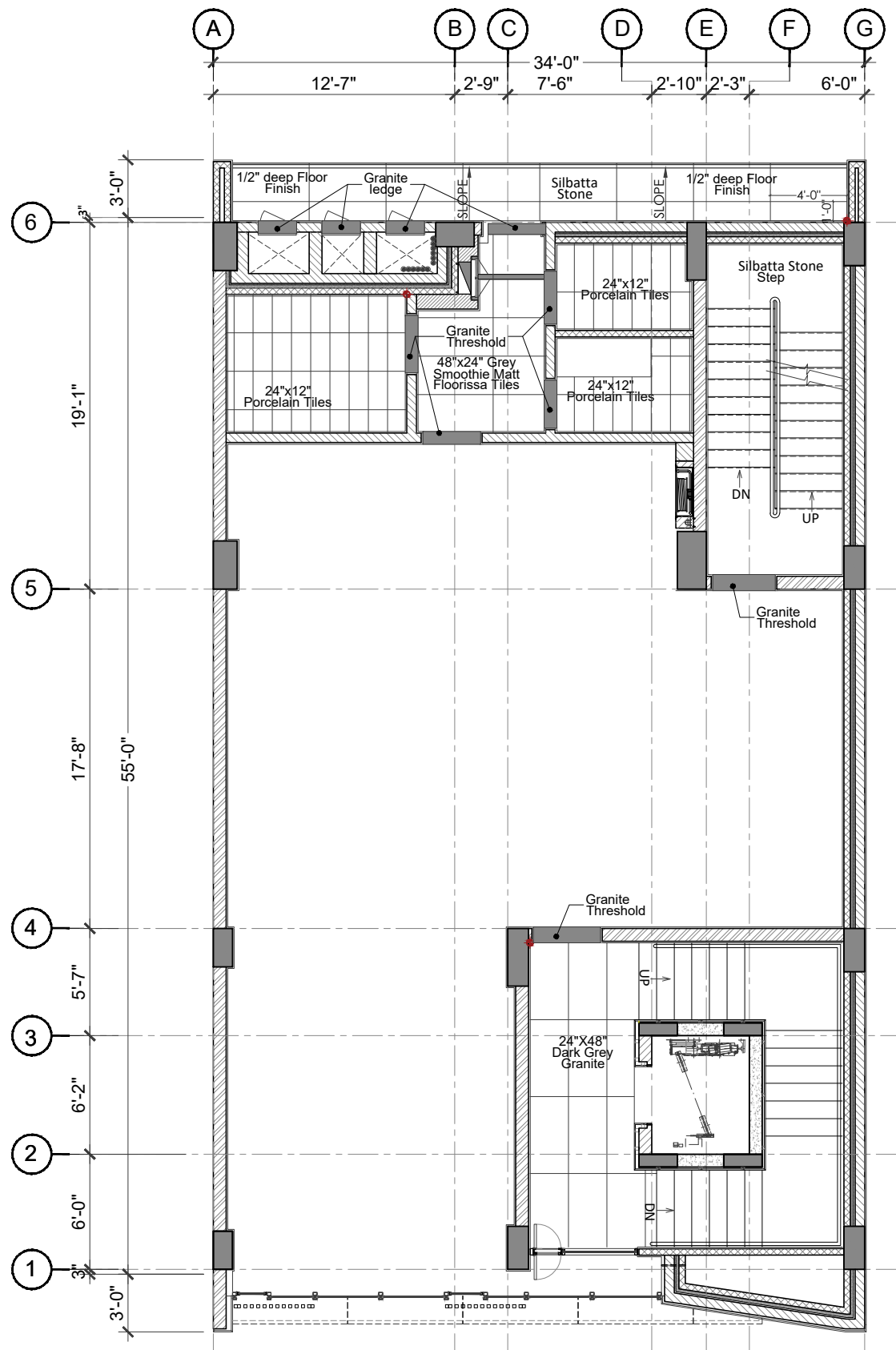
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SCALE	DATE
1/8"= 1'-0"	Mar '25

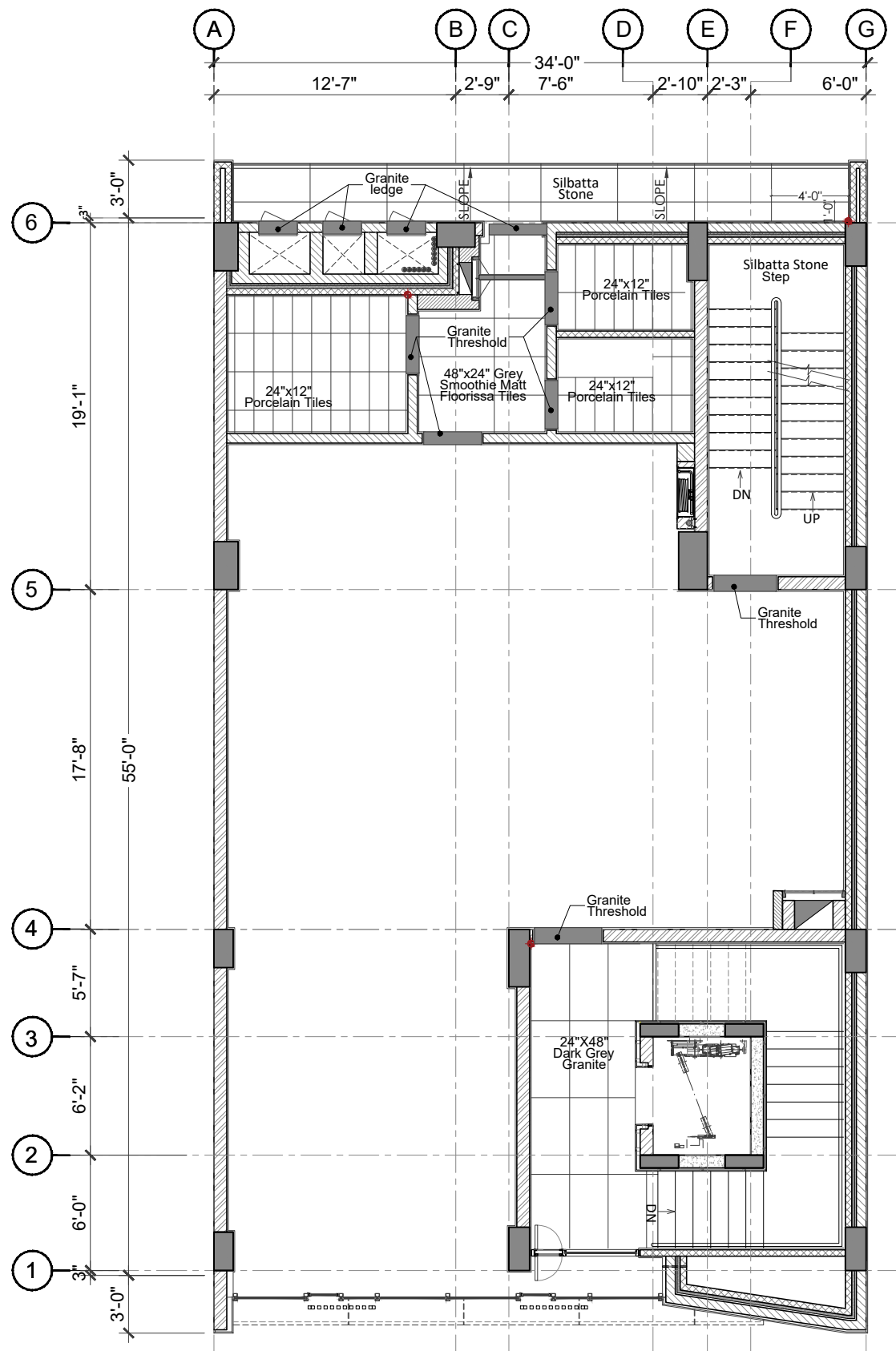
DWG. NO.	SHEET	REV.
A-03	2 of 4	

FIRST FLOOR PLAN

SECOND FLOOR PLAN



THIRD FLOOR PLAN



FOURTH FLOOR PLAN

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



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FLOORING KEY

FLOOR BOX ☒
ELECTRICAL RISER ☒
FLOORING START POINT ☒

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

FLOORING LAYOUT

SCALE

1/8" = 1'-0"

DATE

Mar '25

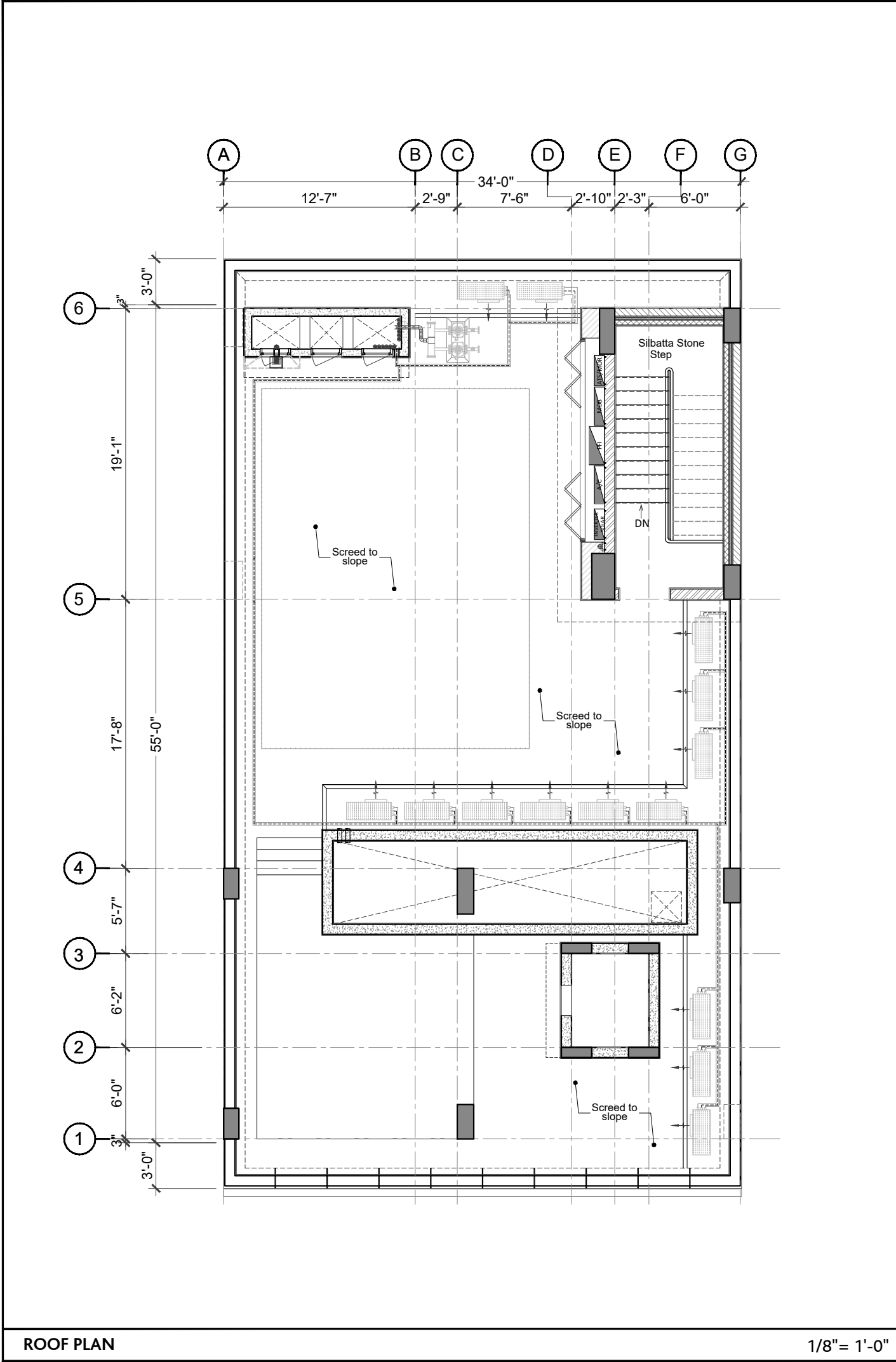
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A-03

SHEET

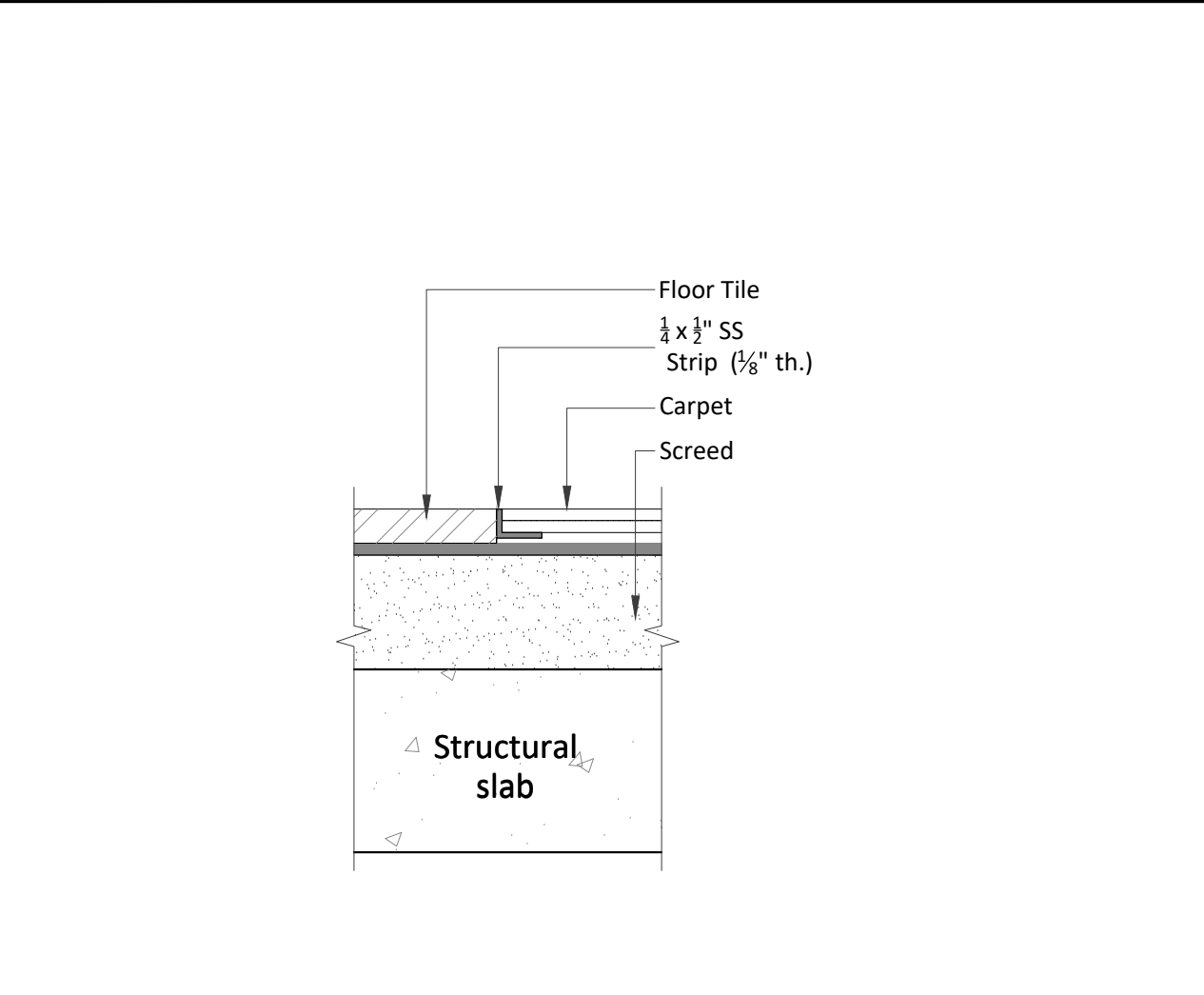
REV.

3
of
4



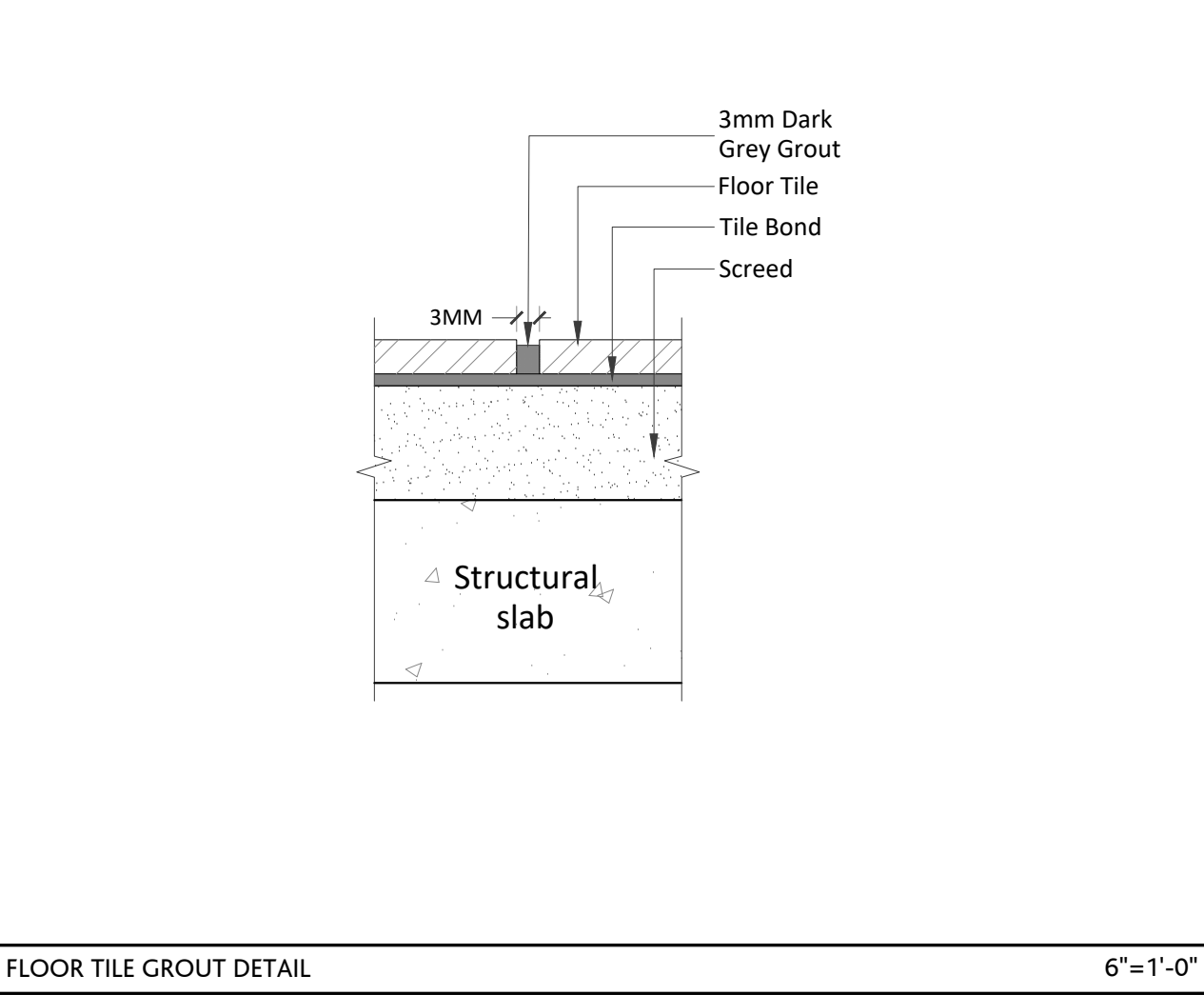
ROOF PLAN

1/8"= 1'-0"



CARPET & TILE JOINT DETAIL

6"=1'-0"



FLOOR TILE GROUT DETAIL

6"=1'-0"

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



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FLOORING KEY

FLOOR BOX

ELECTRICAL RISER

FLOORING START POINT







01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

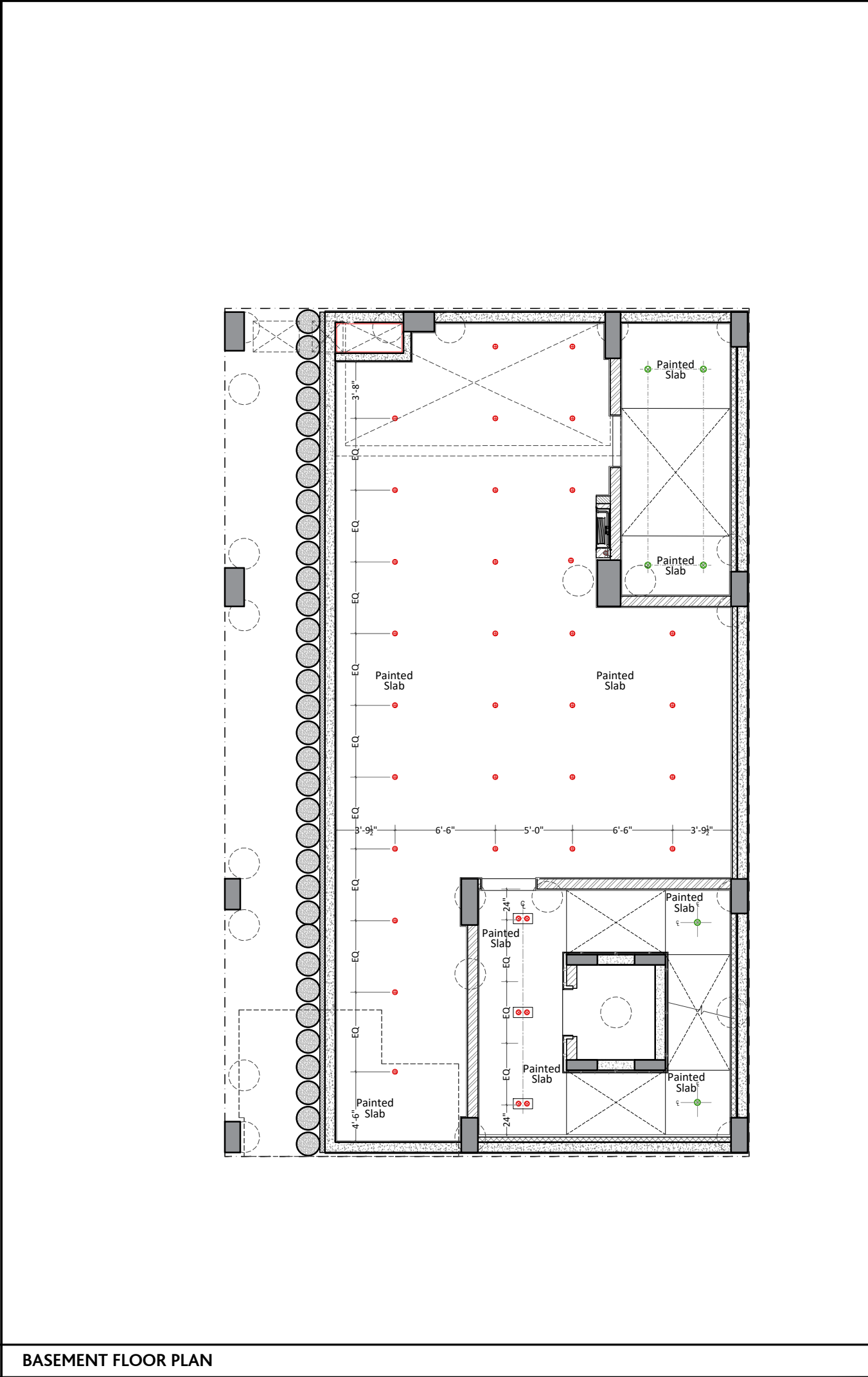
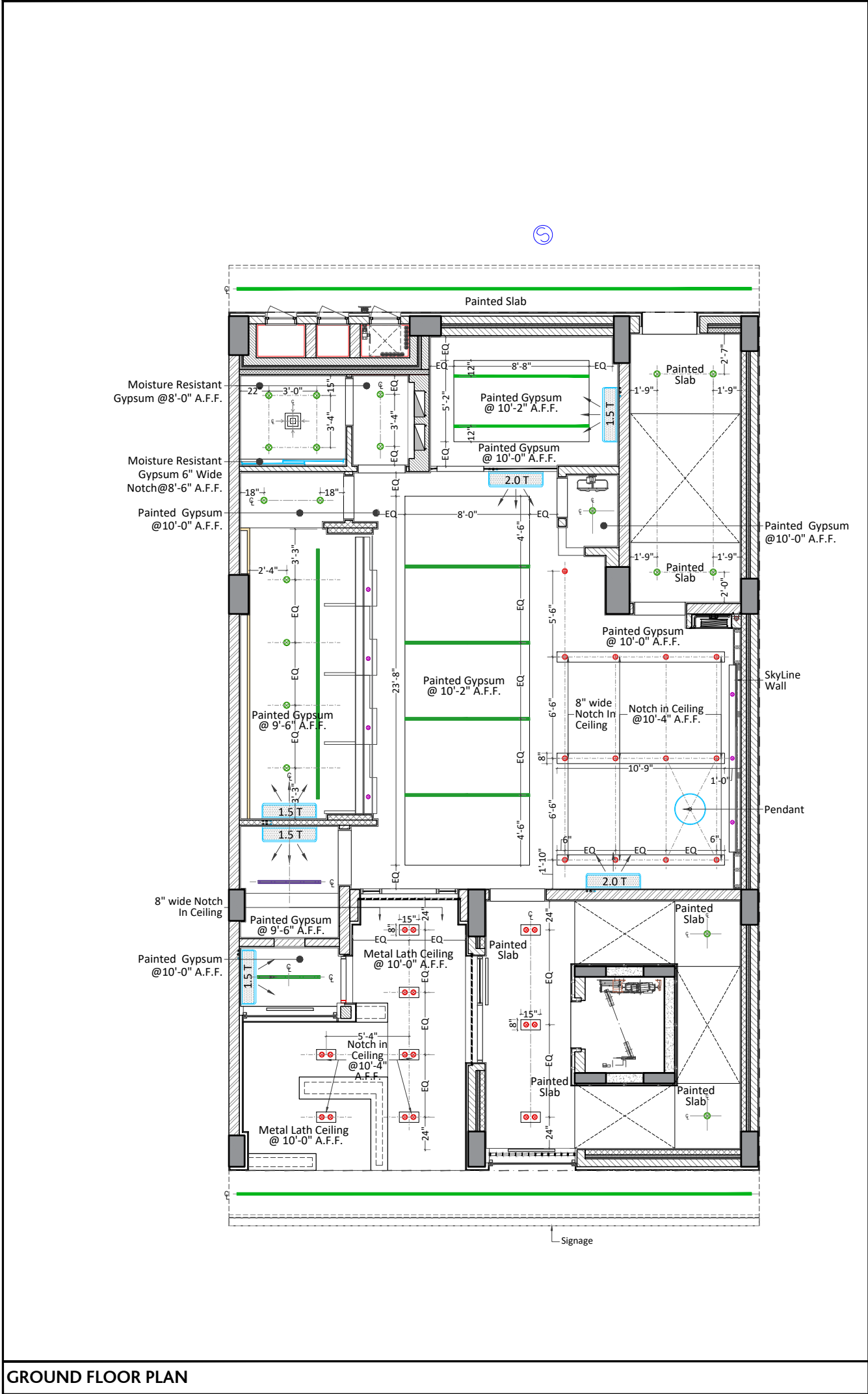
PLOT NO
69-C,National Highway, PH.II

TITLE

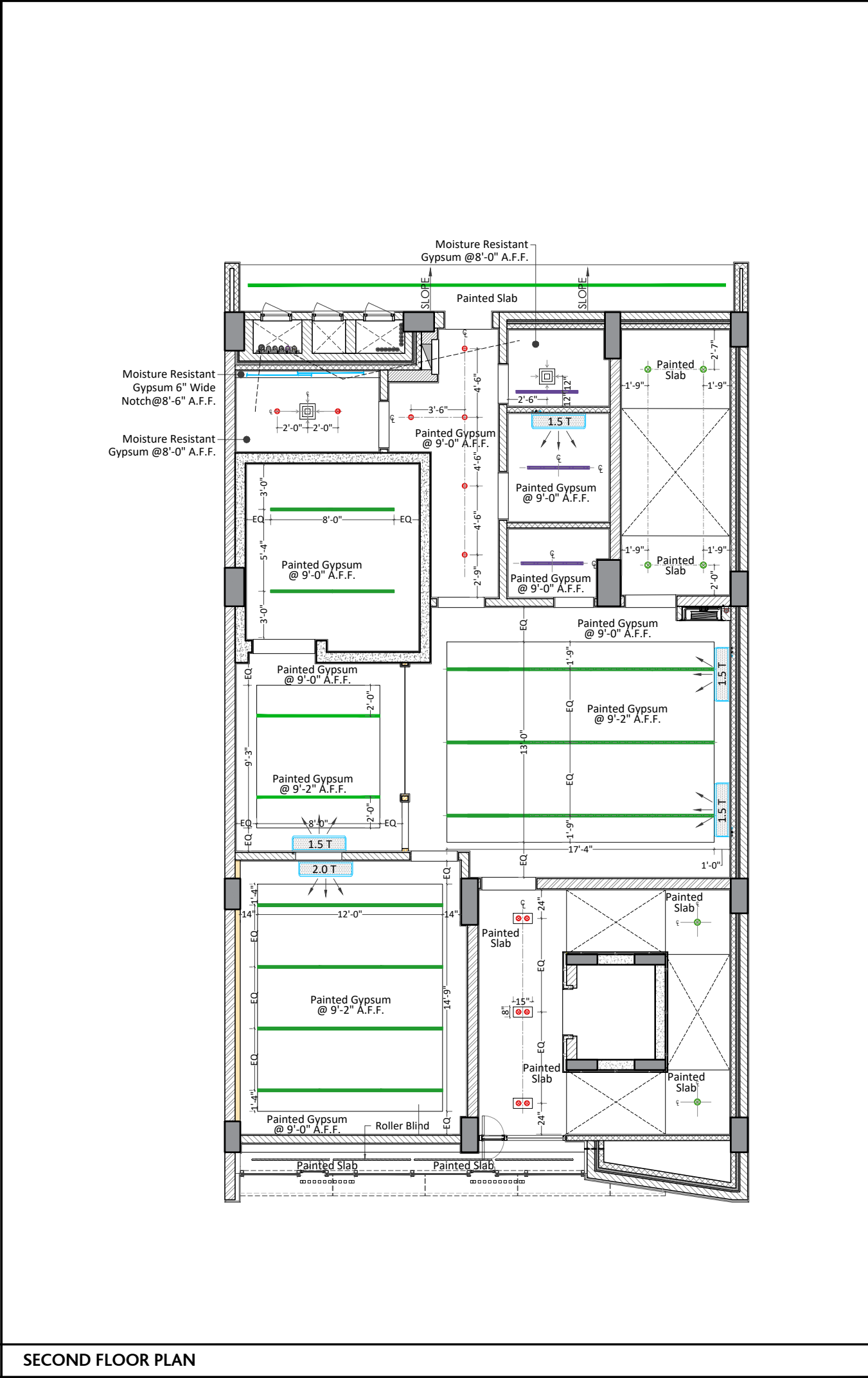
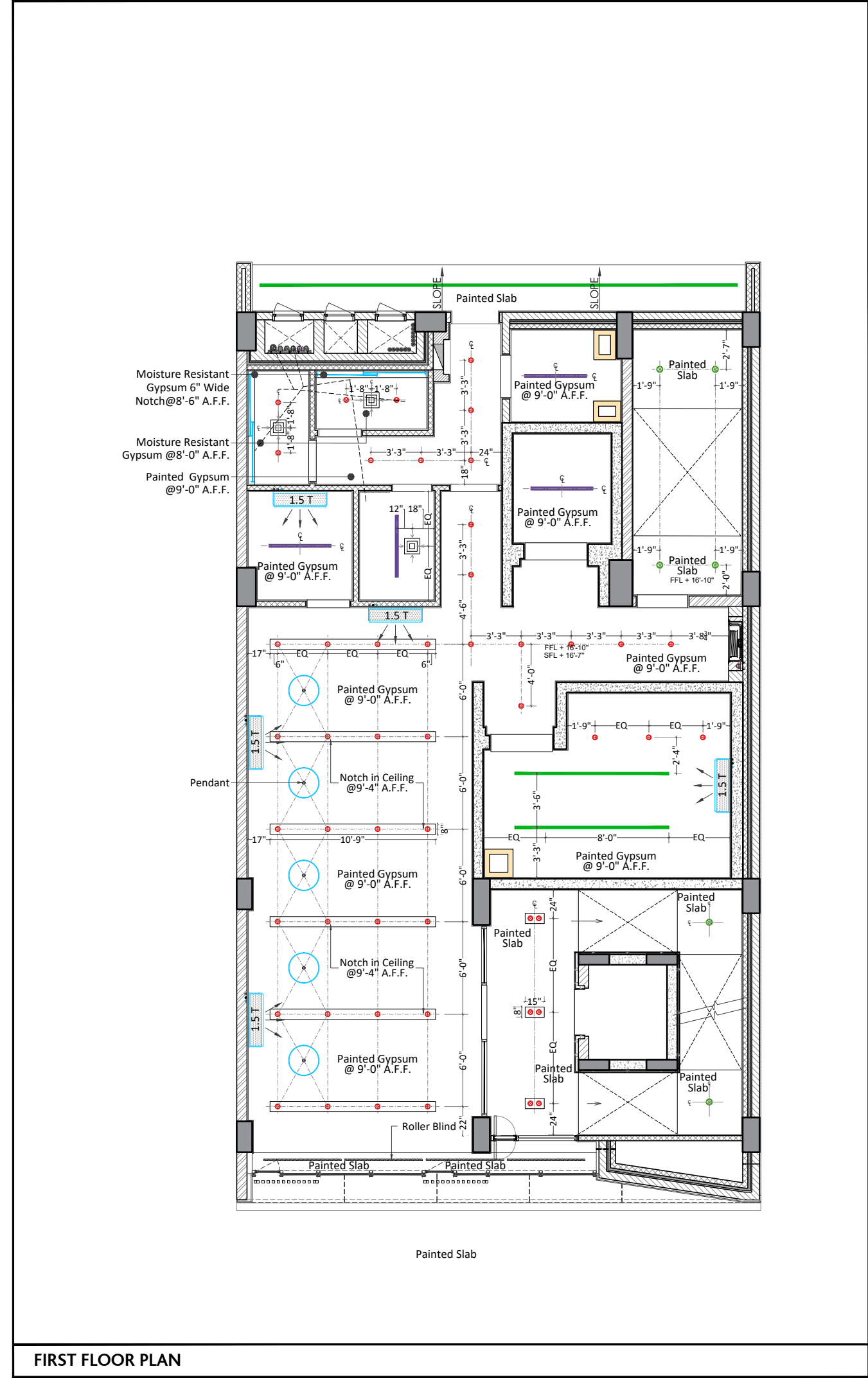
FLOORING LAYOUT

SCALE	DATE
AS SHOWN	Mar '25

DWG. NO.	A-03	SHEET	REV.
		4 of 4	



CLIENT		
HBL 69-C,National Highway, PH.II		
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS		
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CEILING KEY		
ACCESS PANEL		
WALL A.C.		
BRACKET FAN		
DOWN LIGHT		
EXHAUST		
BATTEN LIGHT		
LINEAR LIGHT		
DOWN LIGHT 3"		
DOWN LIGHT 4"		
DOWN LIGHT 6"		
FLUORESCENT LIGHT		
01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE
CLIENT		
HABIB BANK LIMITED		
Address		
PLOT NO 69-C,National Highway, PH.III		
TITLE		
CEILING LAYOUT		
SCALE		DATE
1/8"= 1'-0"		Mar '25
DWG. NO.	A-04	SHEET 1 of 4
		REV.



CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer:  **ARIF & ASSOCIATES**
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CEILING KEY

ACCESS PANEL

WALL A.C.

BRACKET FAN

DOWN LIGHT

EXHAUST

BATTEN LIGHT

LINEAR LIGHT

DOWN LIGHT 3"

DOWN LIGHT 4"

DOWN LIGHT 6"

FLUORESCENT LIGHT



01

ISSUE FOR Construction

24-3-25

NO.

REVISION/ISSUE

DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO 69-C,National Highway, PH.IIi

TITLE

CEILING LAYOUT

SCALE

1/8"= 1'-0"

DATE

Mar '25

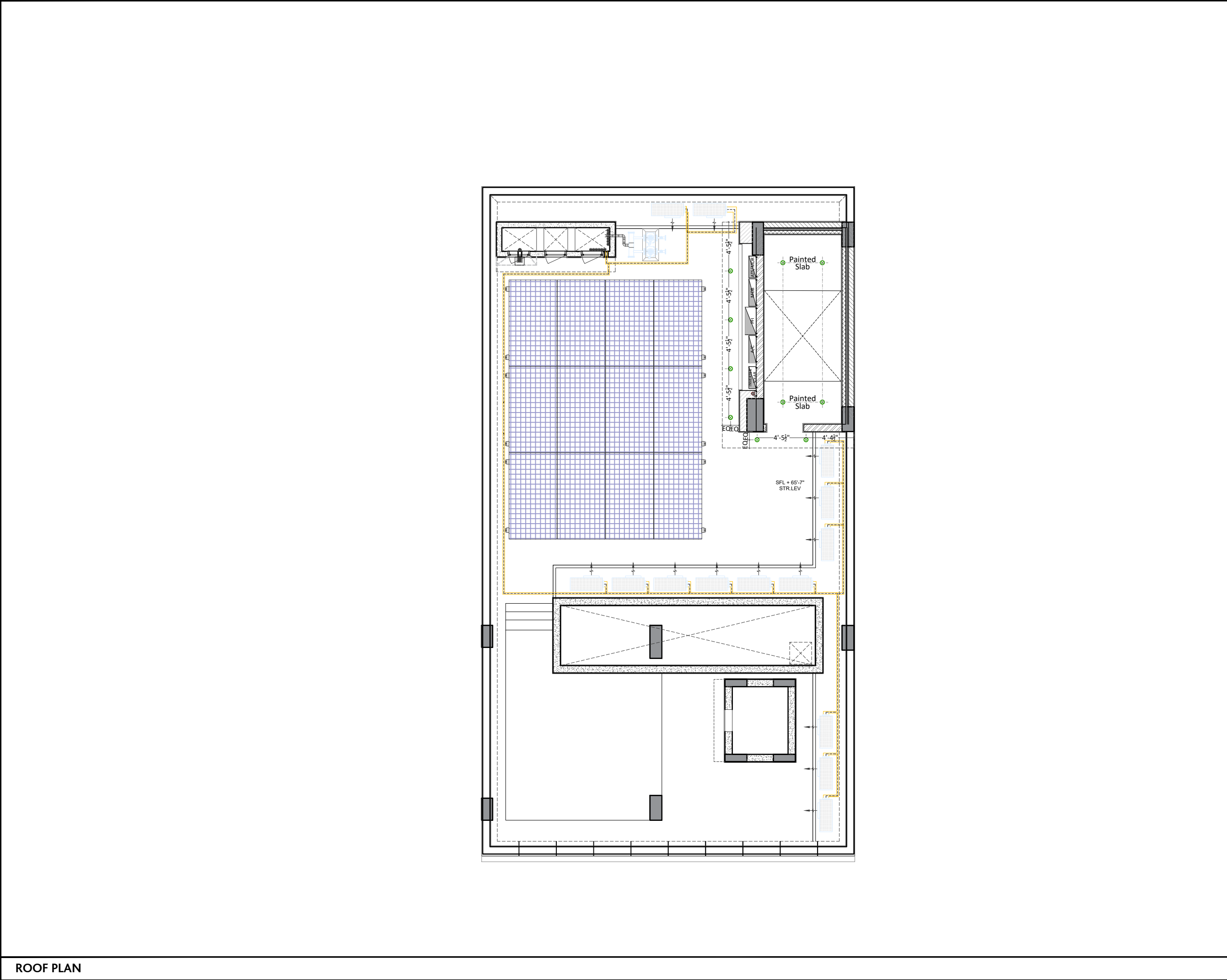
DWG. NO.

A-04

SHEET

2 of 4

REV.



ROOF PLAN

CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer:  **ARIF & ASSOCIATES**
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CEILING KEY

ACCESS PANEL

WALL A.C.

BRACKET FAN

DOWN LIGHT

EXHAUST

BATTEN LIGHT

LINEAR LIGHT

DOWN LIGHT 3"

DOWN LIGHT 4"

DOWN LIGHT 6"

FLUORESCENT LIGHT























01

ISSUE FOR Construction

24-3-25

NO.

REVISION/ISSUE

DATE

CLIENT

HABIB BANK LIMITED

Address

**PLOT NO
69-C,National Highway, PH.IIi**

TITLE

CEILING LAYOUT

SCALE

1/8"= 1'-0"

DATE

Mar '25

DWG. NO.

A-04

SHEET

4 of 4

REV.



CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer:



ARIF & ASSOCIATES
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NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

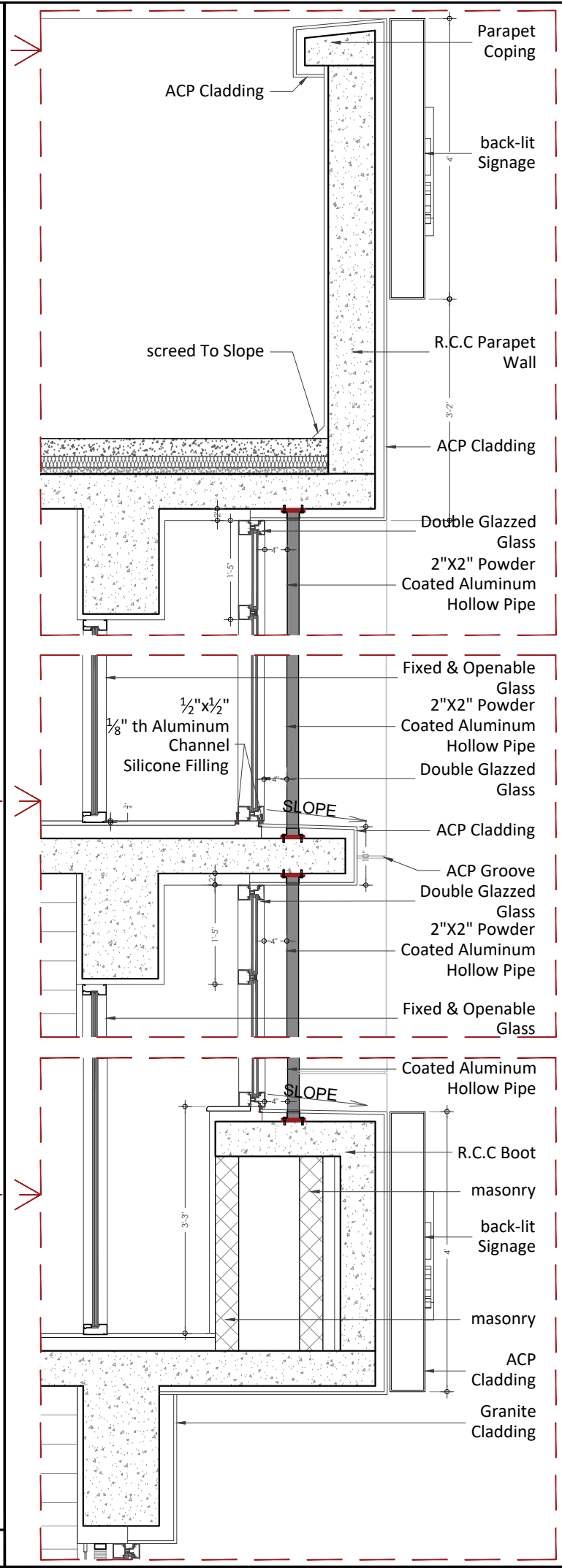
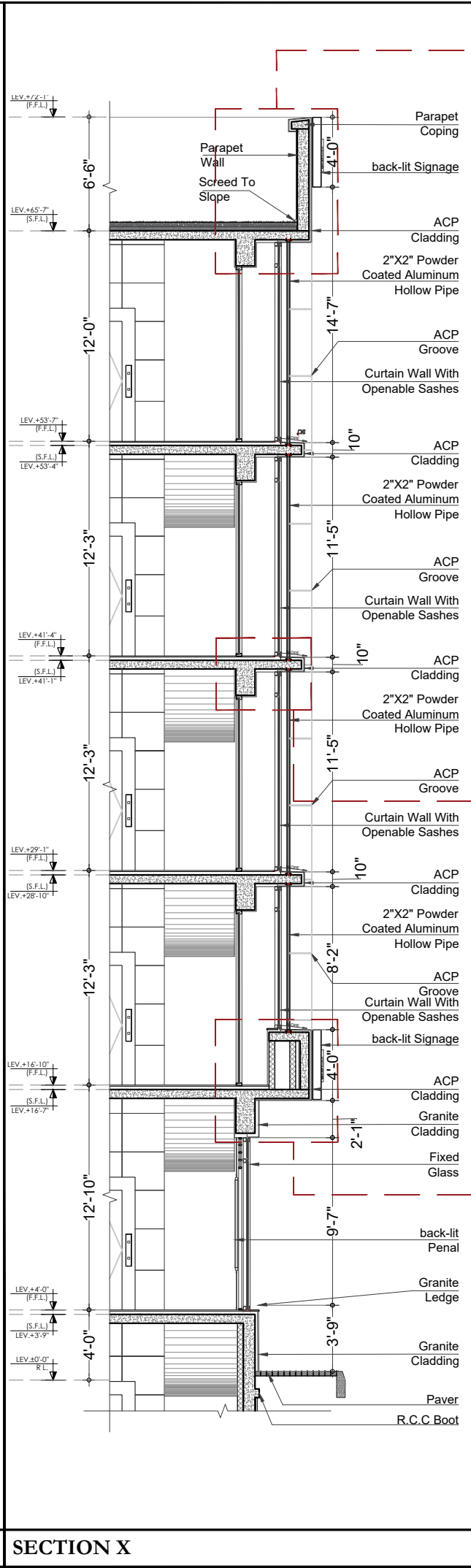
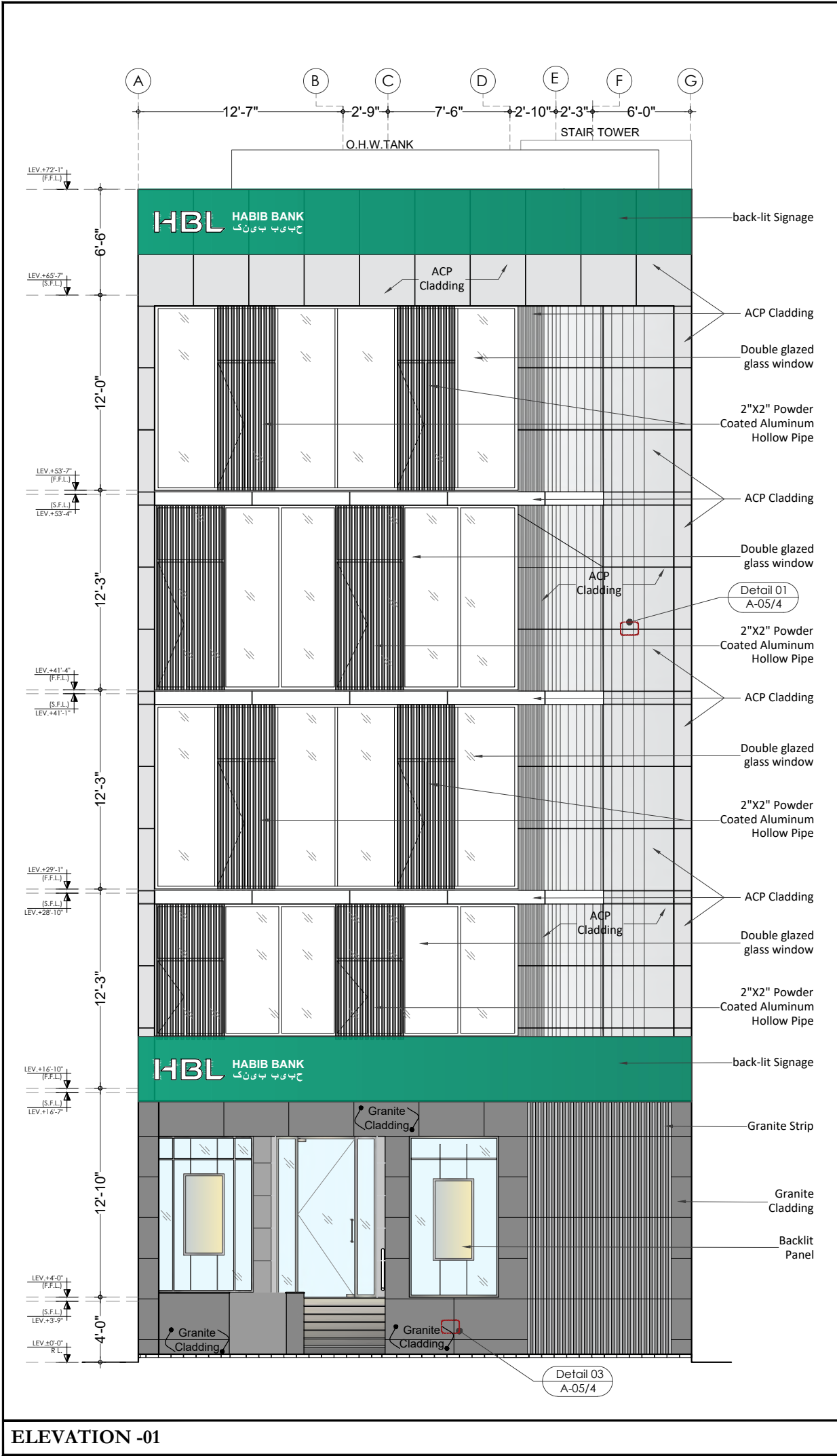
PLOT NO
69-C,National Highway, PH.II

TITLE

3D VIEW

SCALE	DATE
N.T.S	Mar '25

DWG. NO.	00	SHEET 0 of 0	REV.
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PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS


COLLABORATIVE
DESIGN

STRUCTURE CONSULTANT'S

Engineer: ARIF & ASSOCIATES
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

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CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

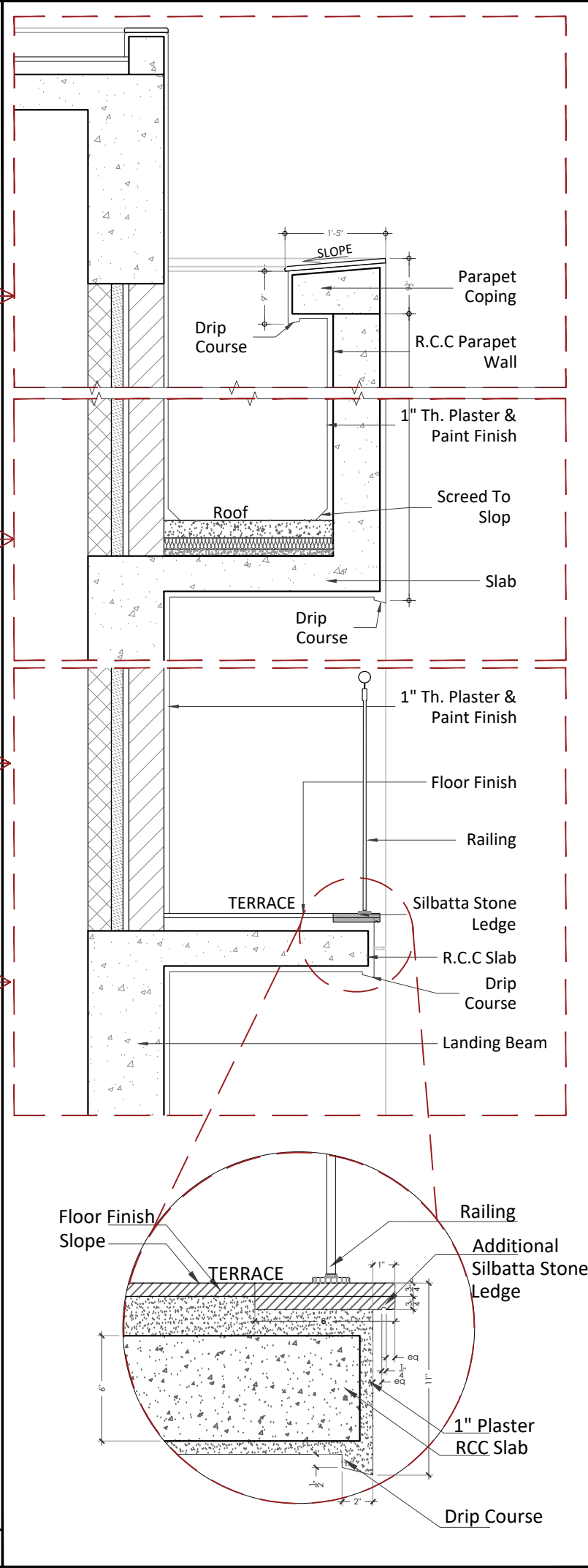
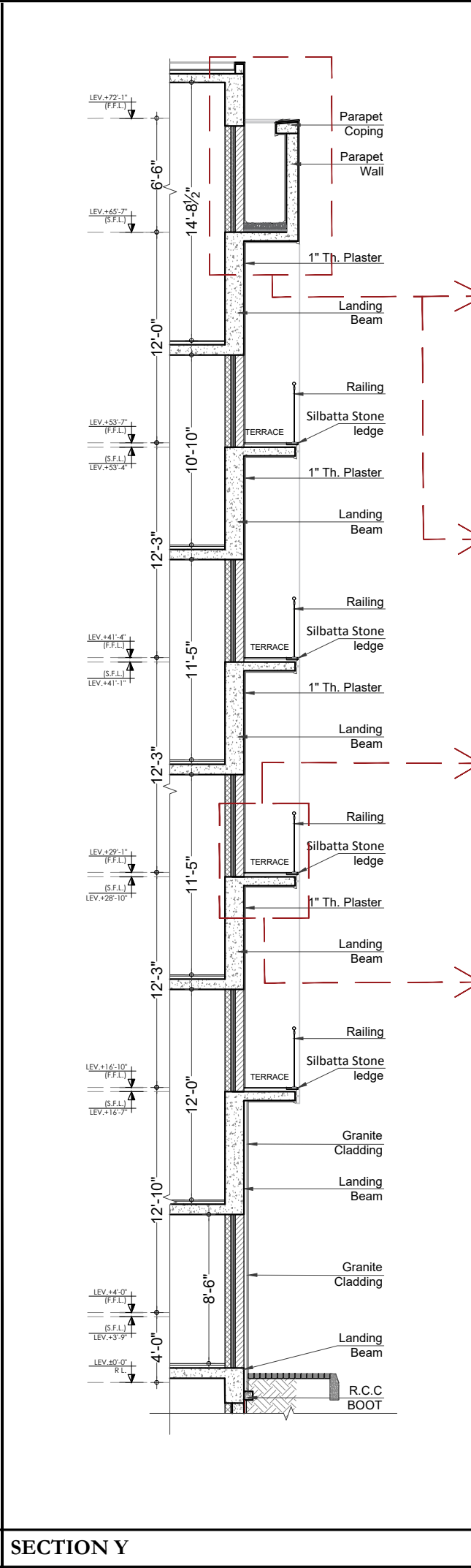
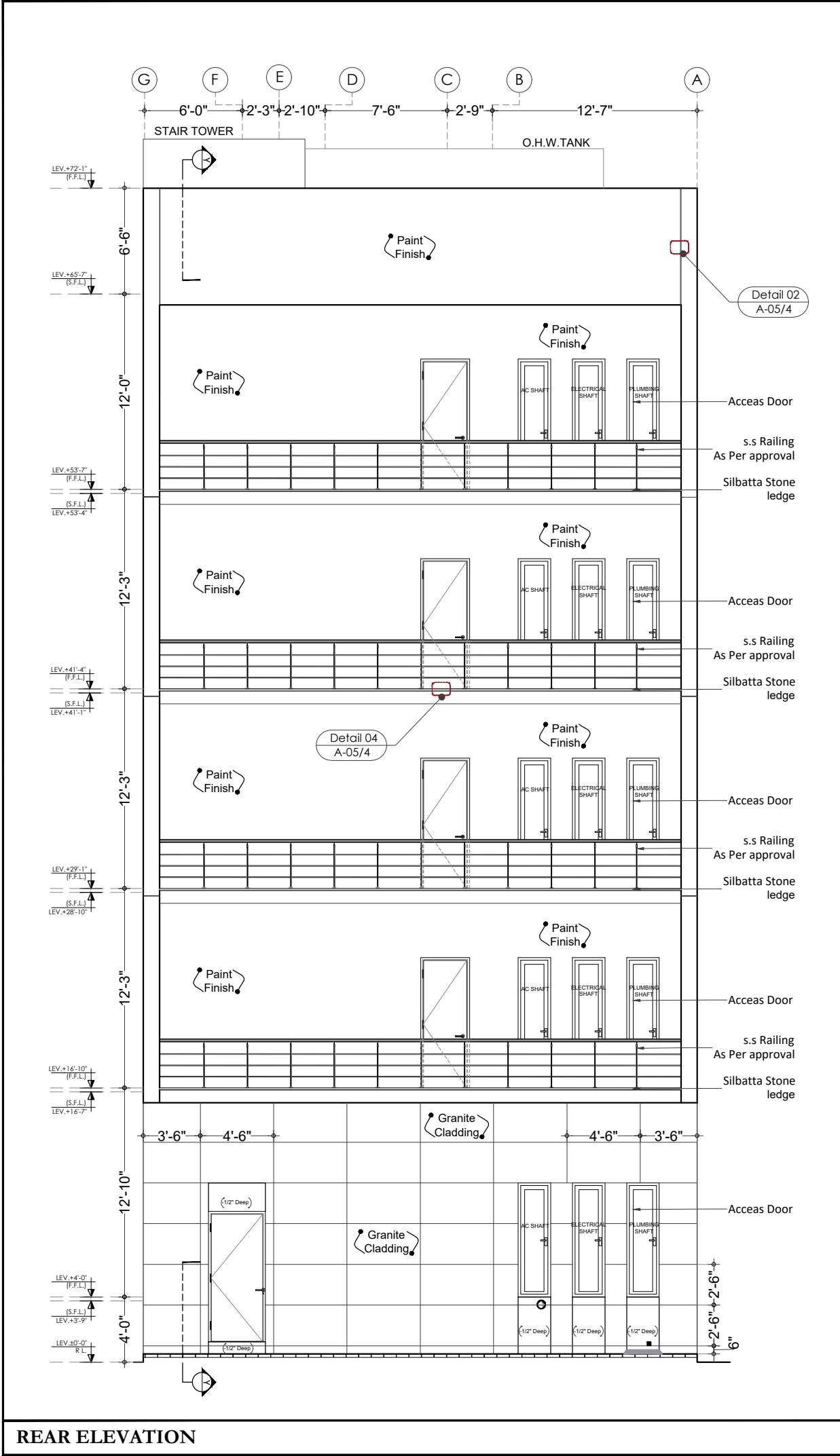
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SCALE	DATE
1/8" = 1'-0"	Mar '25

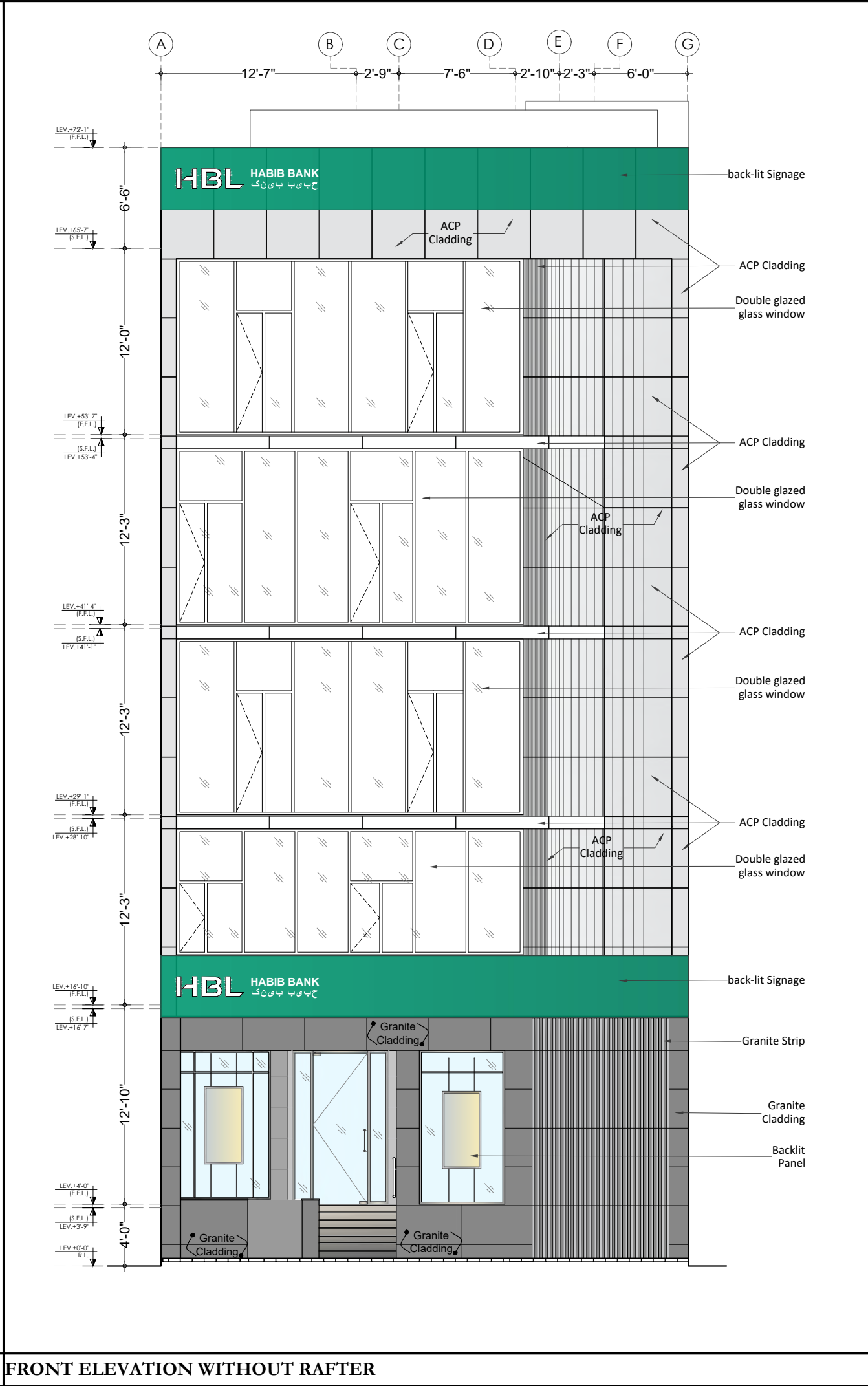
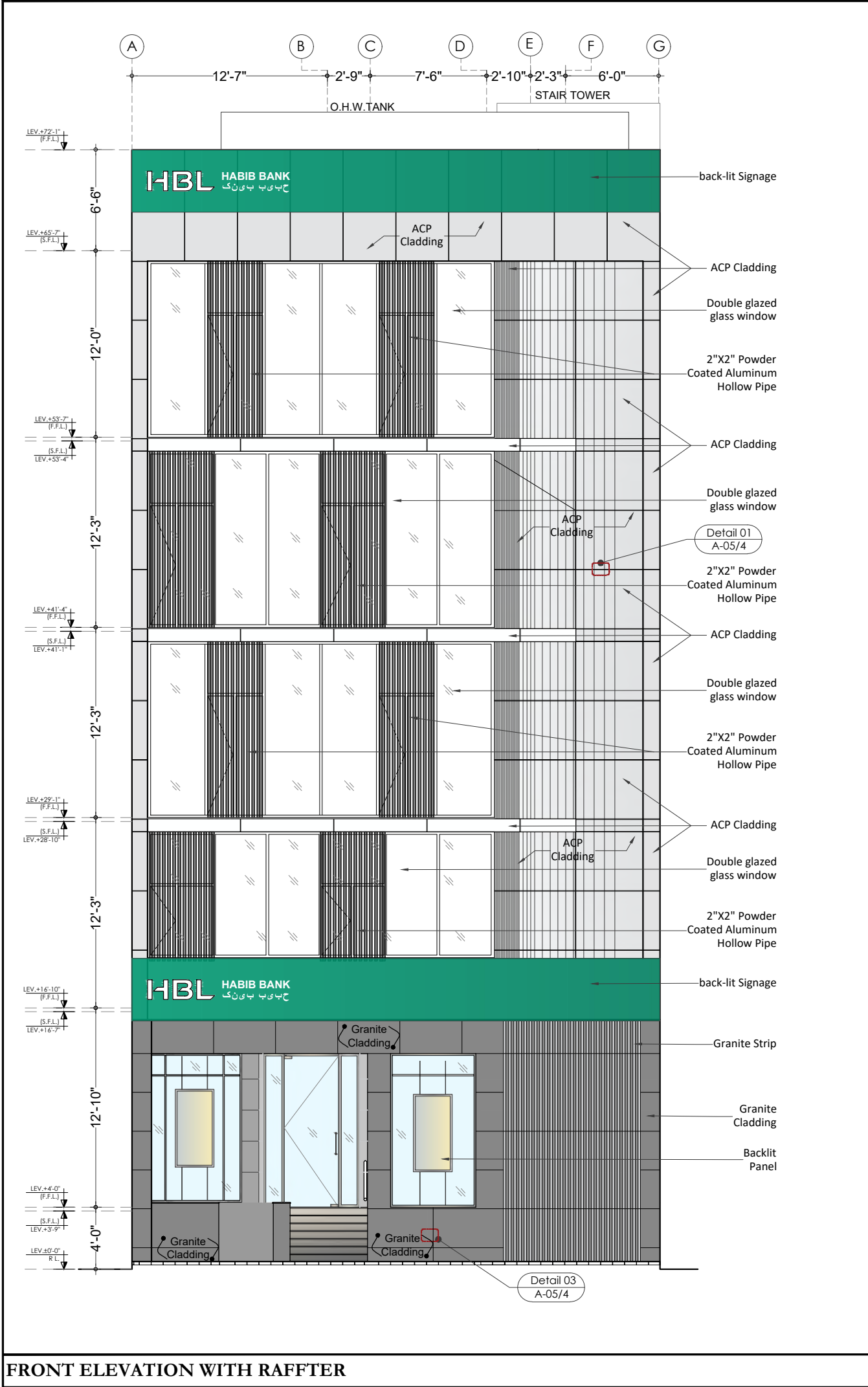
DWG. NO.	SHEET	REV.
A-05	1 of 8	

ELEVATION -01

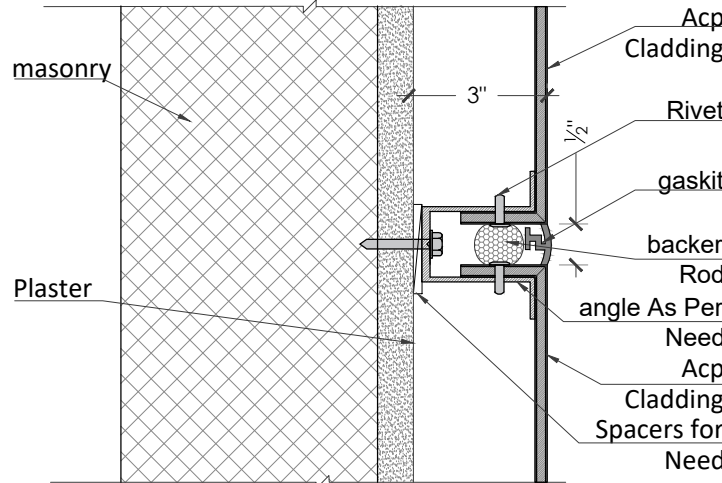
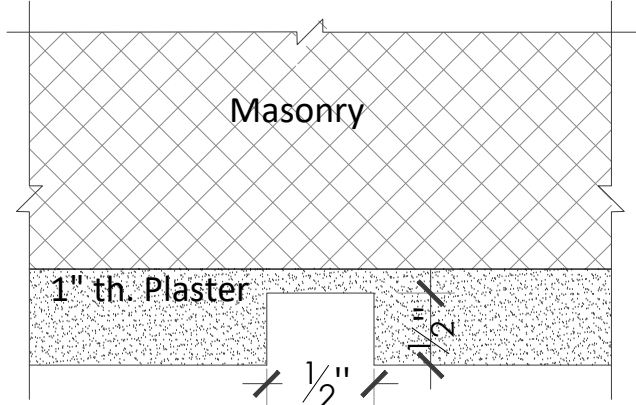
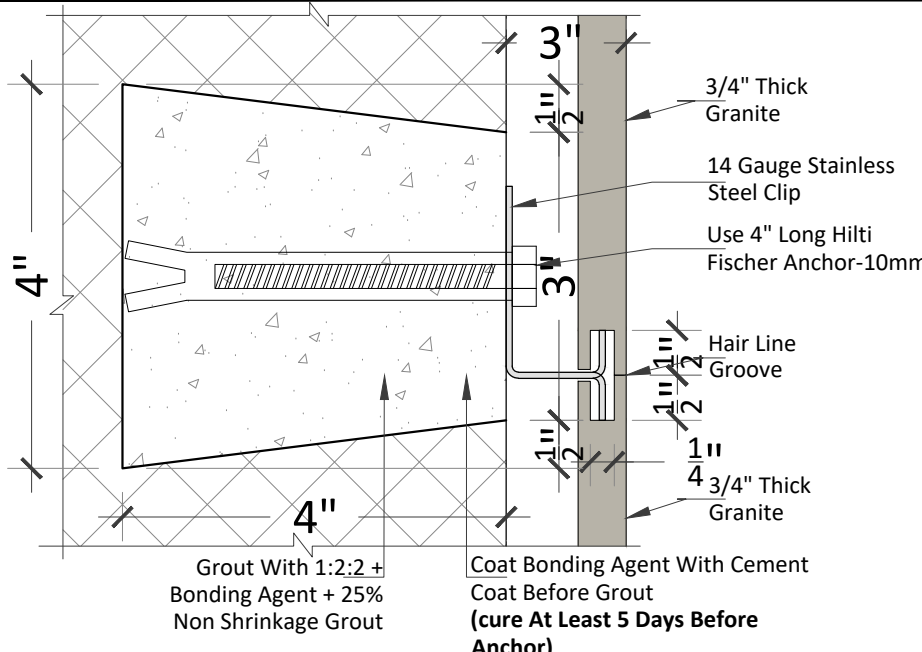
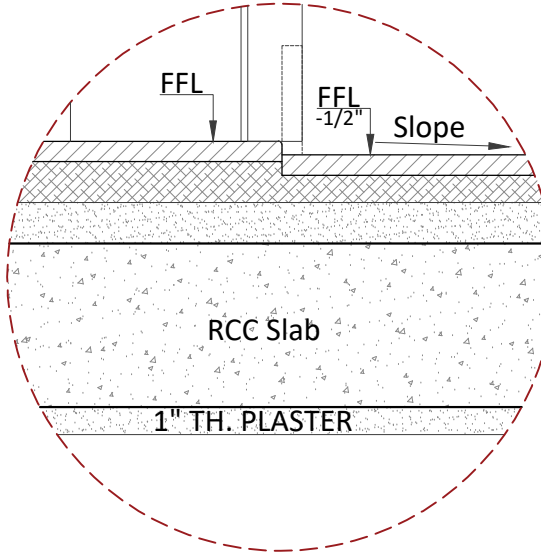
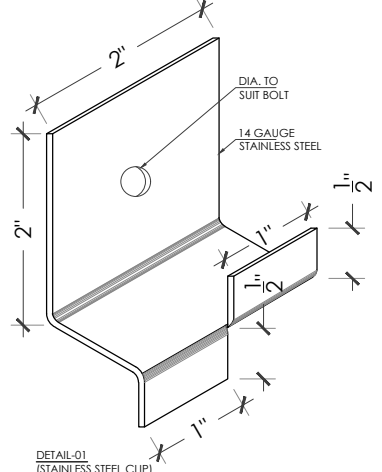
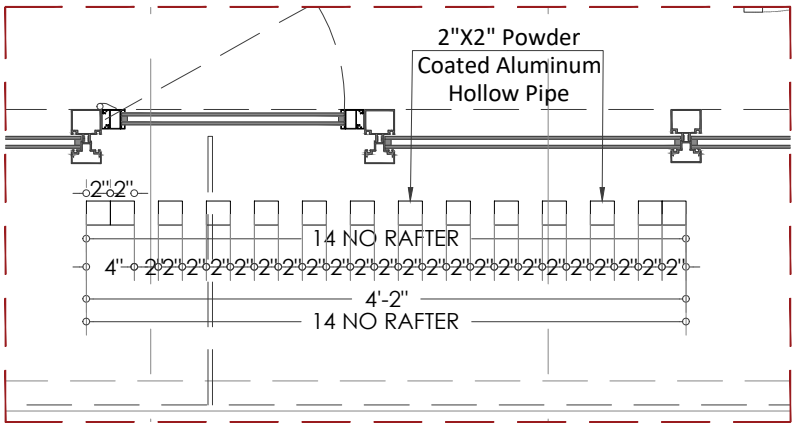
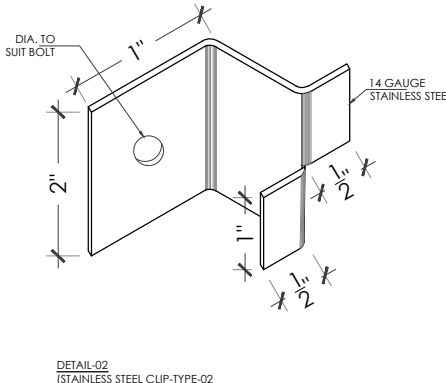
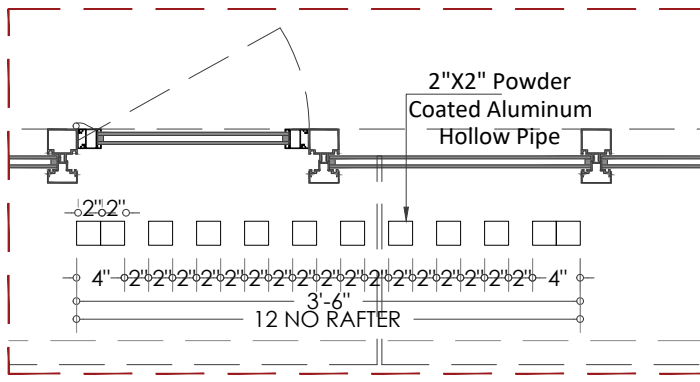
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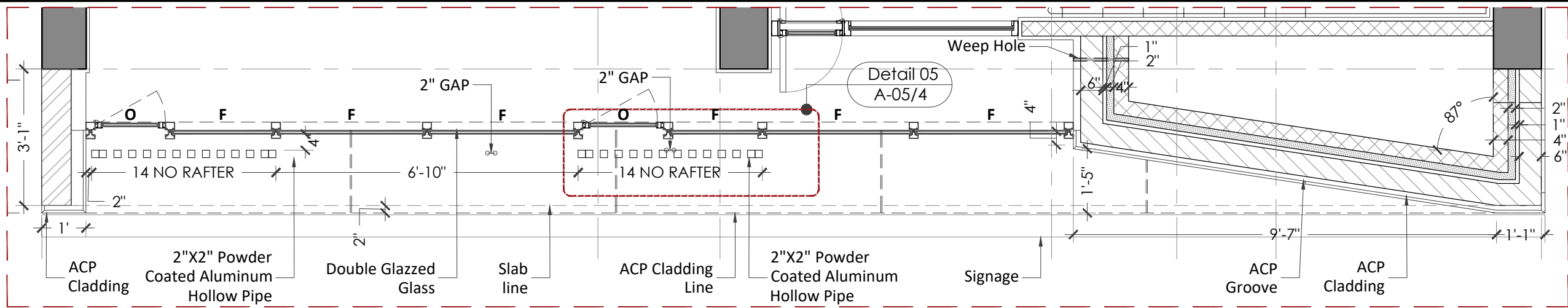


PROJECT		
HBL 69-C,National Highway, PH.II		
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STRUCTURE CONSULTANT'S		
Engineer: ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL, KARACHI. TEL: 021-34988461-34980871, FAX:34985907		
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NO.	REVISION/ISSUE	DATE
CLIENT		
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Address		
PLOT NO 69-C,National Highway, PH.II		
TITLE		
FACADE		
SCALE		DATE
1/8" = 1'-0"		Mar '25
DWG. NO.	A-05	SHEET 2 of 8 REV.

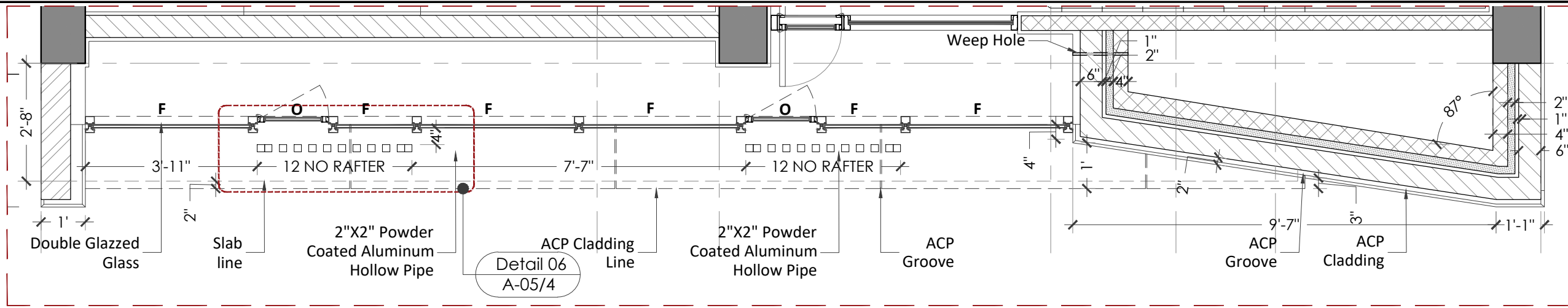


PROJECT		
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1/8"= 1'-0"		Mar '25
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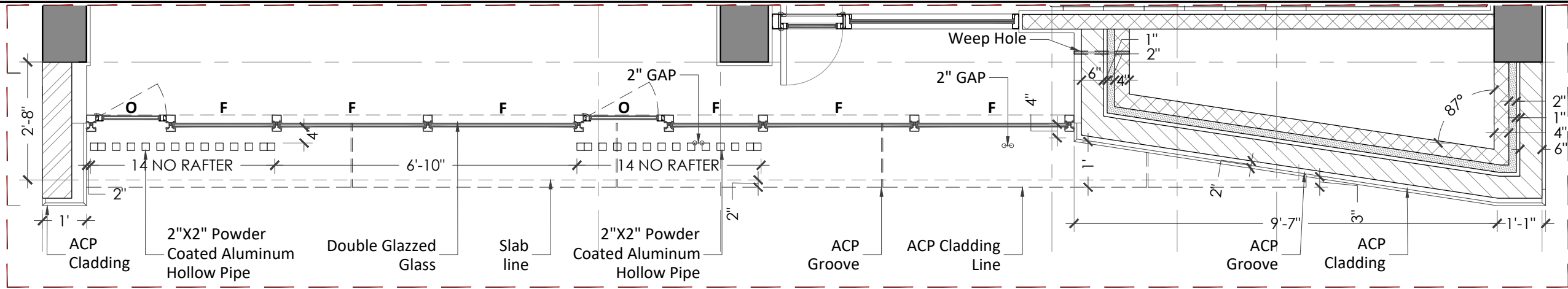
								PROJECT HBL 69-C,National Highway, PH.II PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS  STRUCTURE CONSULTANT'S  Engineer: ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL, KARACHI. TEL: 021-34988461-34980871, FAX:34985907 HVAC AND PLUMBING CONSULTANTS  FAHIM, NANJI & DESOUZA Consulting Engineers HVAC, Plumbing, Mechanical 10, ILACO House, Abdullah Haroon Road, Karachi-74400 Pakistan Ph: (92-21) 563-7878-82 Fax: (92-21) 521-1634 Email: fahimnaji@cyber.net.pk NOTE: * ALL DIMENSIONS ARE IN FEET (') AND INCHES (") * ALL ERROR EMISSION TO BE REPORTED TO THE ARCHITECT DURING EXCECUITON WORK							
ACP GROOVE DETAIL-01				3"=1'-0"				PLASTER GROOVE DETAIL 02				6"=1'-0"			
				6"=1'-0"								6"=1'-0"			
GRANITE FIXING DETAIL 03				6"=1'-0"				TERRACE FINISH DETAIL 04				6"=1'-0"			
		DETAIL -05				3/4"=1'-0"				DETAIL -06				3/4"=1'-0"	
CLIP A		6"=1'-0"		DETAIL -05		3/4"=1'-0"		CLIP B		6"=1'-0"		DETAIL -06		3/4"=1'-0"	
DWG. NO.		A-05		SHEET		4 of 8		REV.							



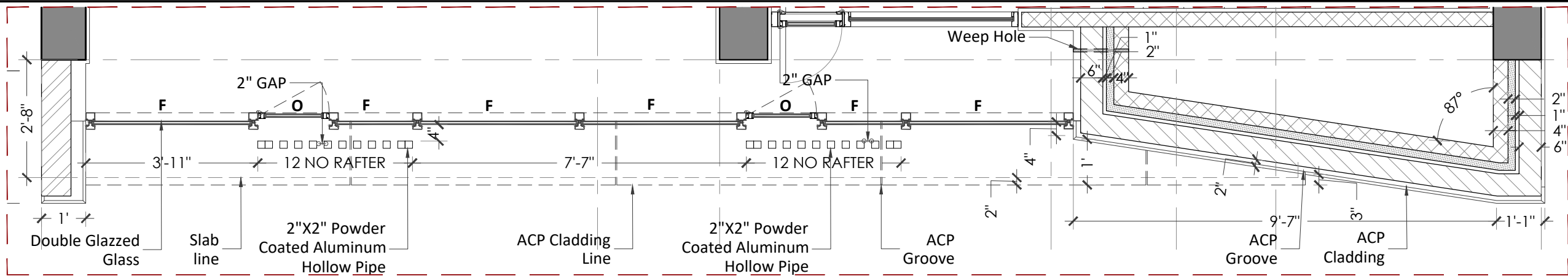
FIRST FLOOR PLAN



SECOND FLOOR PLAN



THIRD FLOOR PLAN



FOURTH FLOOR PLAN

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

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PARTITION KEY

6" MASONRY WALL	
8" MASONRY WALL	
4" MASONRY WALL	
R.C.C COLUMN	
R.C.C WALL	
CEMENT BOARD 4" THICK	
2" INSULATION	

01	ISSUE FOR Construction	24-3-25
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CLIENT

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Address

PLOT NO
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TITLE

DETAILS

SCALE

3/8" = 1'-0"

DATE

Mar '25

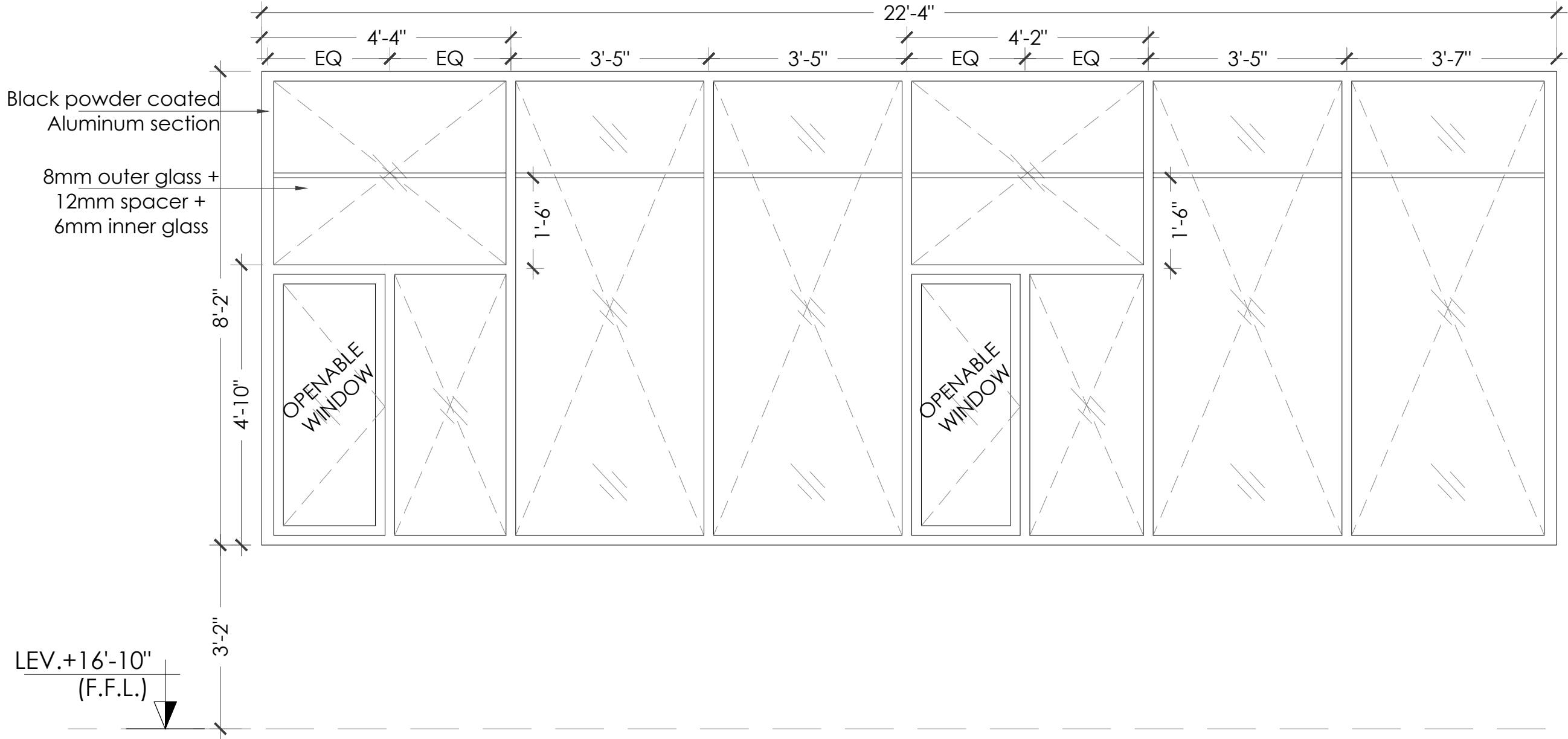
DWG. NO.

A-05

SHEET

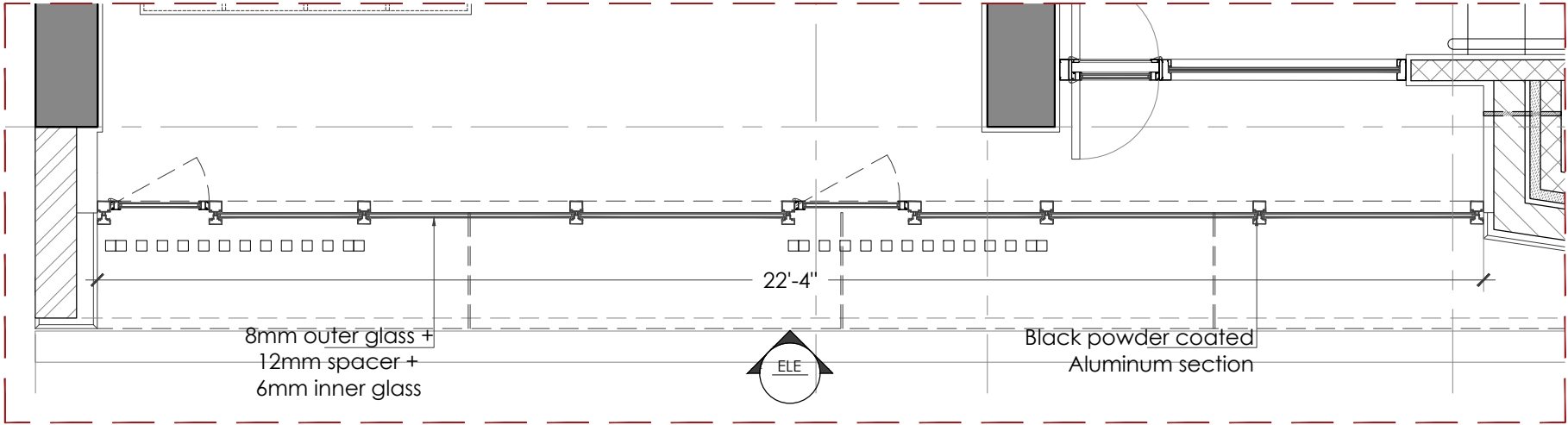
5
of
8

REV.



ELEVATION

1/2"= 1'-0"



FIRST FLOOR PLAN

3/8"= 1'-0"

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL, KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

HVAC AND PLUMBING CONSULTANTS

FAHIM, NANJI & DESOUZA
Consulting Engineers
HVAC, Plumbing, Mechanical
10, ILACO House, Abdullah Haroon Road, Karachi-74400
Pakistan
Ph: (92-21) 563-7878-82
Fax: (92-21) 521-1634
Email: fahimnaji@cyber.net.pk

NOTE:

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INCHES (")
* ALL ERROR EMISSION TO BE REPORTED
TO THE ARCHITECT DURING
EXCECUITON WORK

PARTITION KEY

6" MASONRY WALL	
8" MASONRY WALL	
4" MASONRY WALL	
R.C.C COLUMN	
R.C.C WALL	
CEMENT BOARD 4" THICK	
2" INSULATION	

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

**PLOT NO
69-C,National Highway, PH.II**

TITLE

**WIDOWS CURTAIN WALL
DETAIL**

SCALE

AS SHOWN

DATE

Mar '25

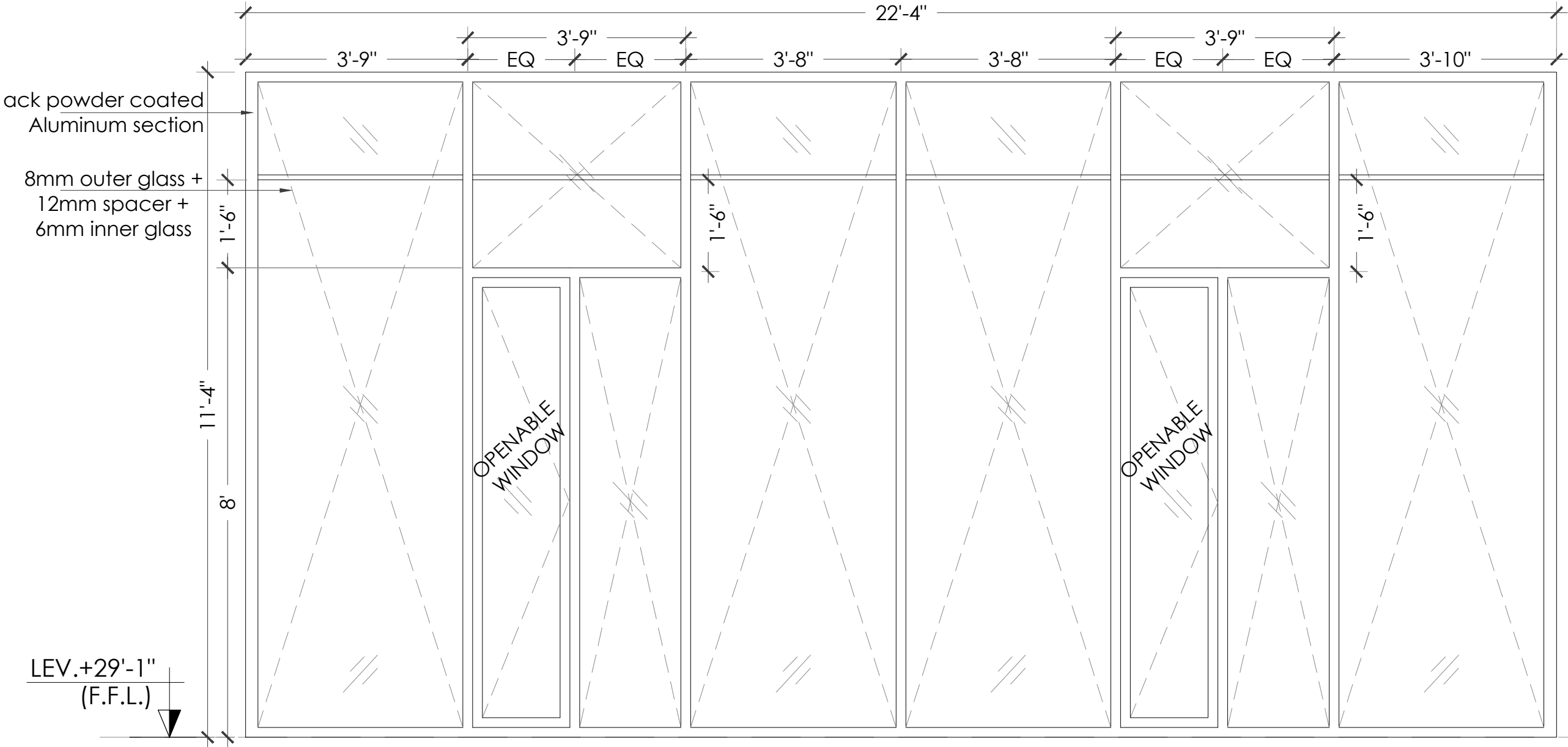
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A-05

SHEET

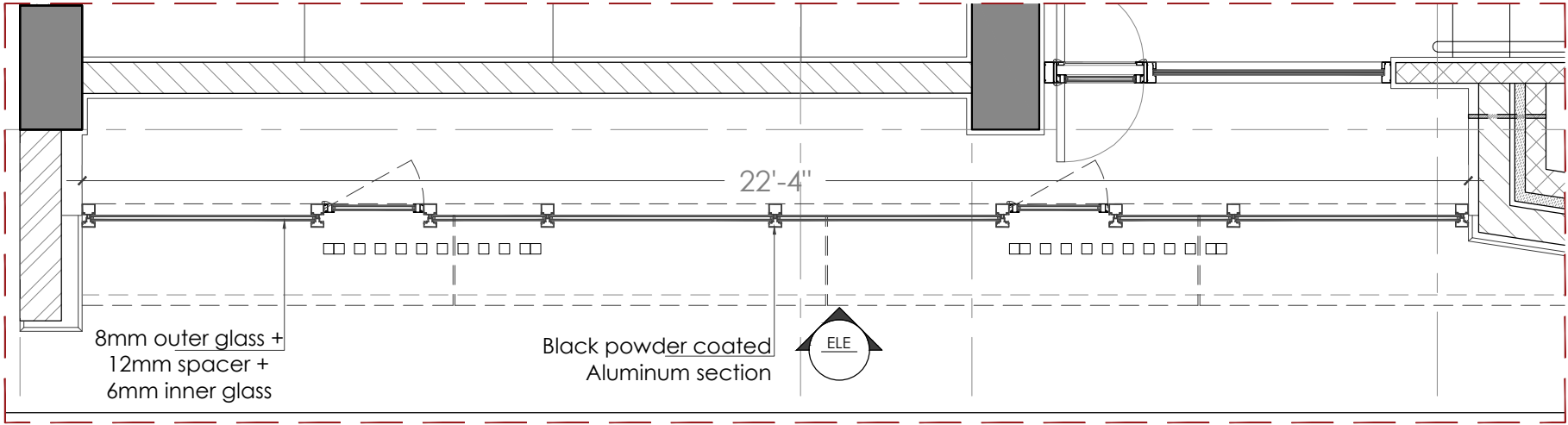
REV.

6
of
8



ELEVATION

1/2"= 1'-0"



2nd & 4th FLOOR PLAN

3/8"= 1'-0"

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

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EXCECUITON WORK

PARTITION KEY

6" MASONRY WALL	
8" MASONRY WALL	
4" MASONRY WALL	
R.C.C COLUMN	
R.C.C WALL	
CEMENT BOARD 4" THICK	
2" INSULATION	

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

WIDOWS CURTAIN WALL
DETAIL

SCALE

AS SHOWN

DATE

Mar '25

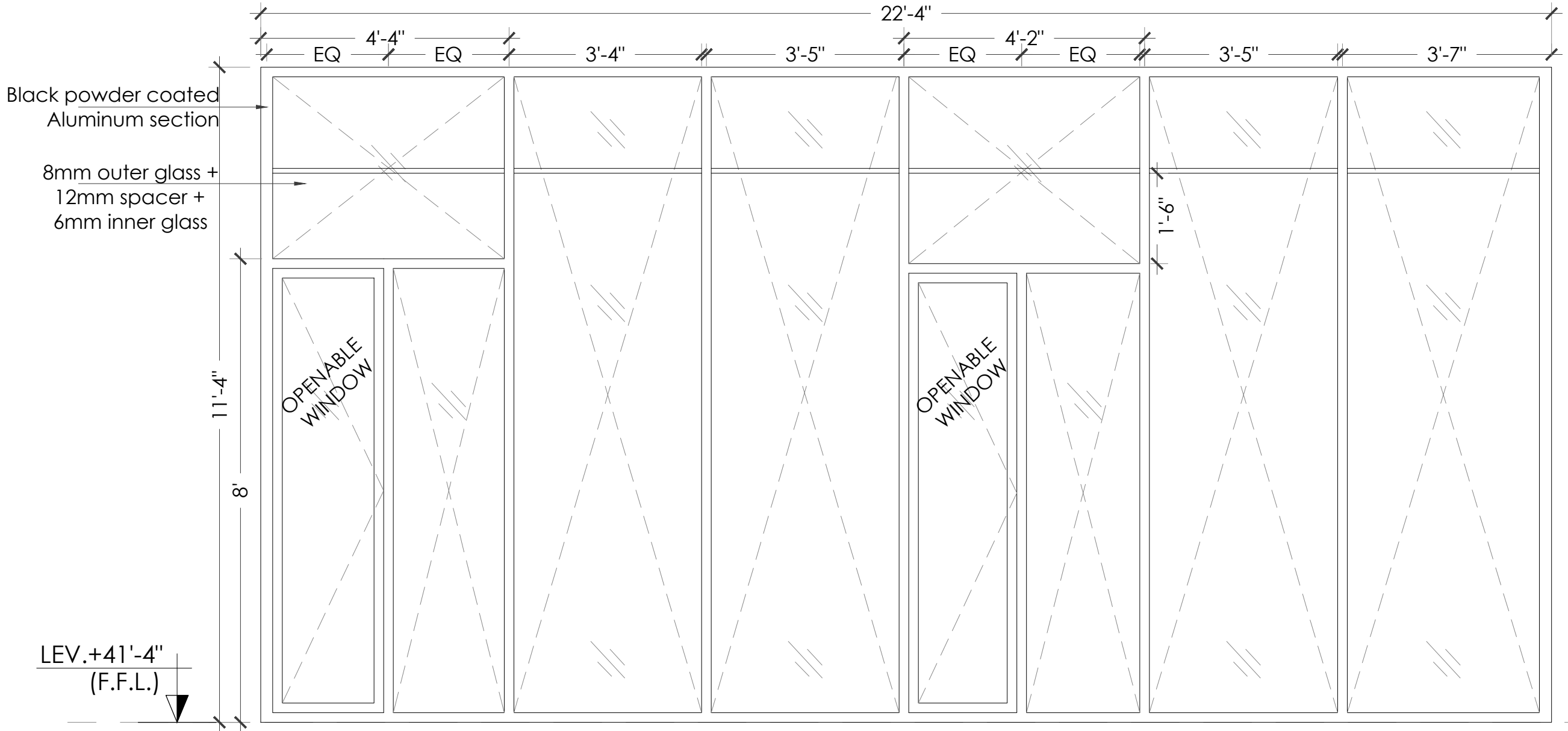
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A-05

SHEET

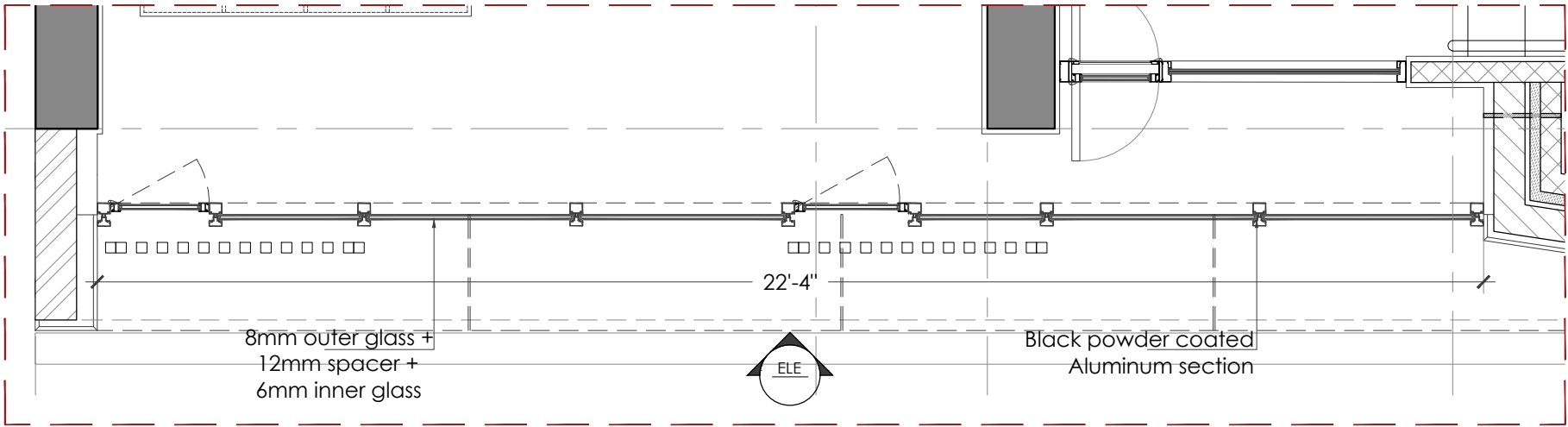
REV.

7
of
8



ELEVATION

1/2"= 1'-0"



3rd FLOOR PLAN

3/8"= 1'-0"

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
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6" MASONRY WALL	
8" MASONRY WALL	
4" MASONRY WALL	
R.C.C COLUMN	
R.C.C WALL	
CEMENT BOARD 4" THICK	
2" INSULATION	

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

WIDOWS CURTAIN WALL
DETAIL

SCALE

AS SHOWN

DATE

Mar '25

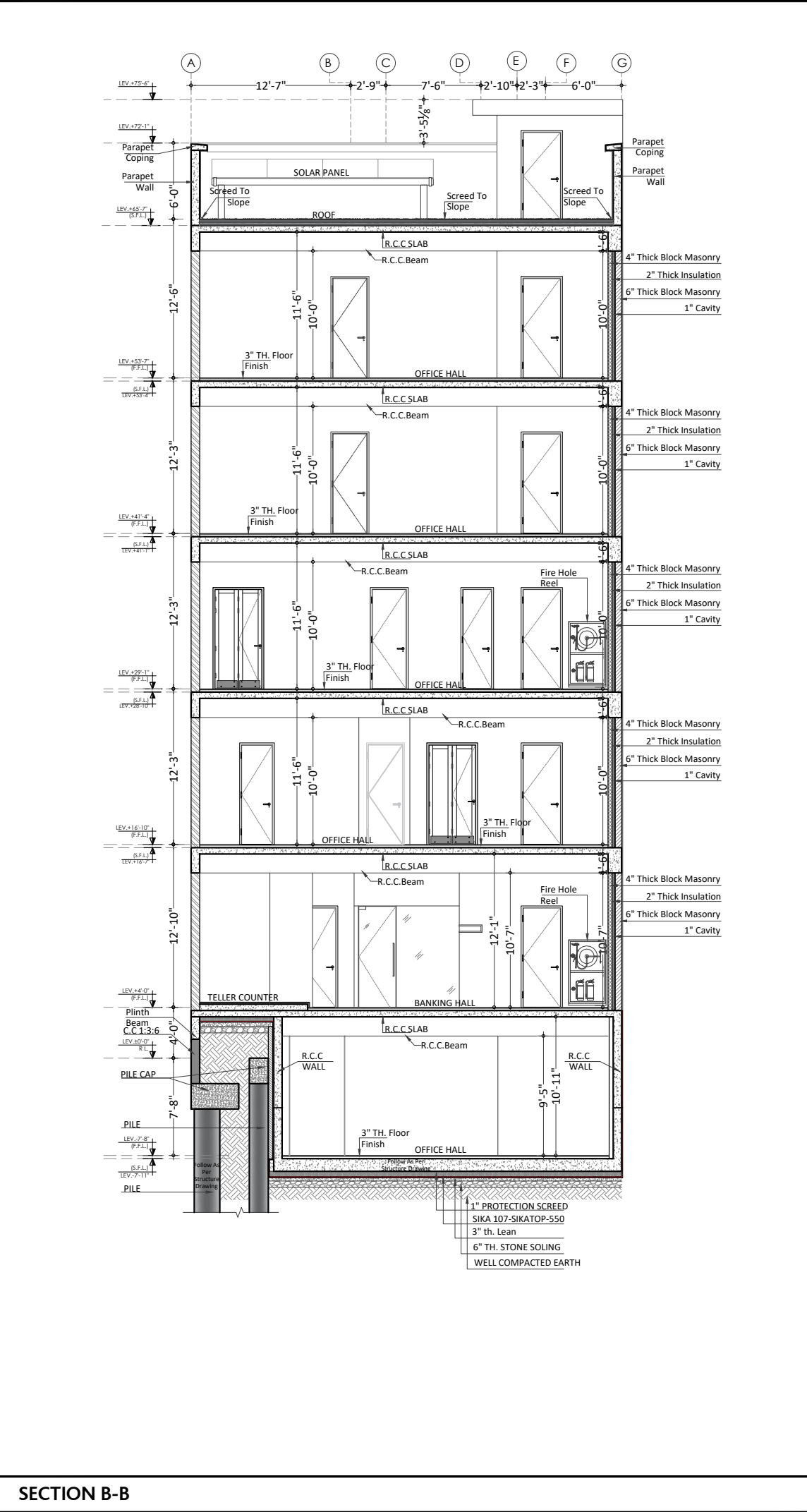
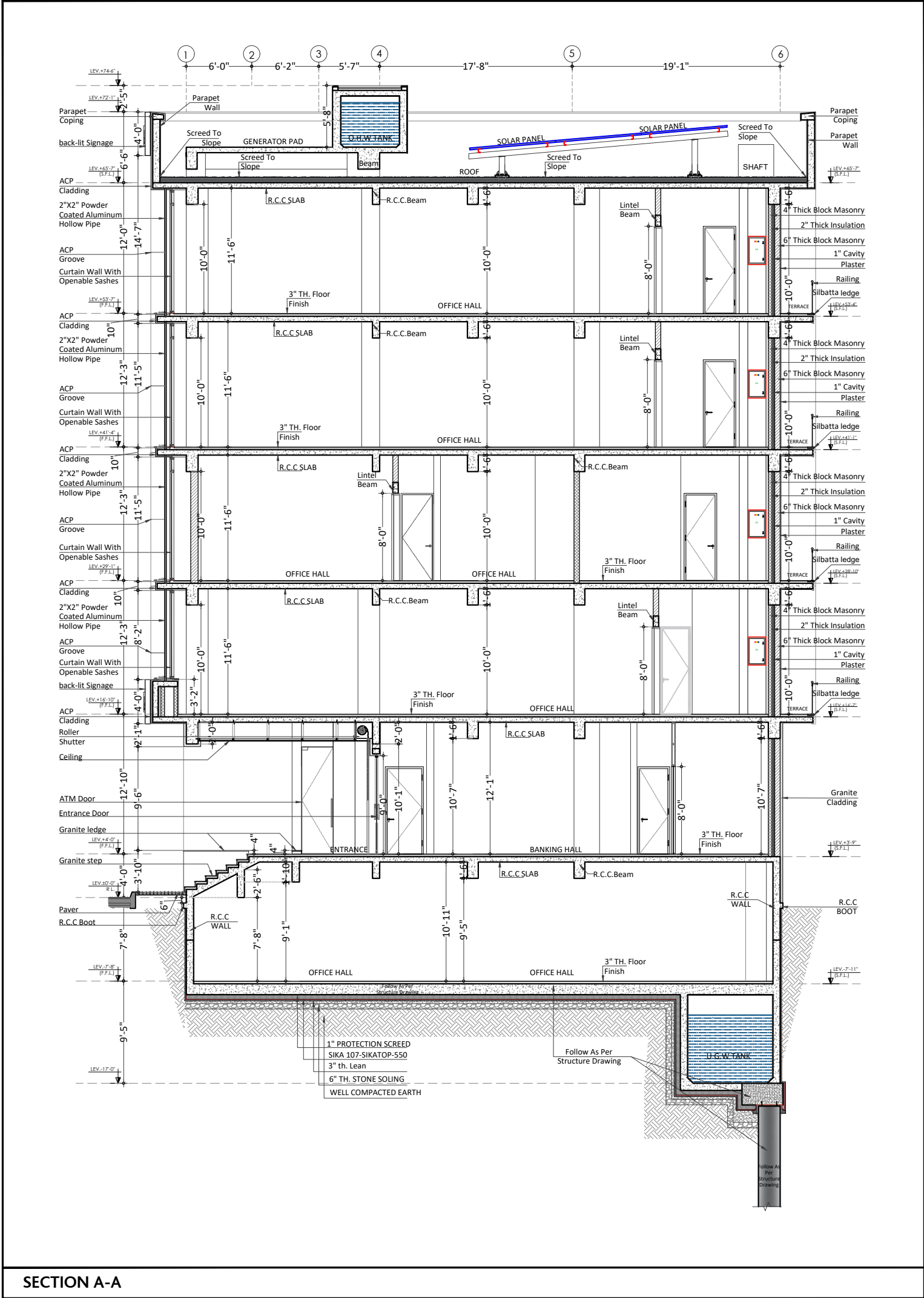
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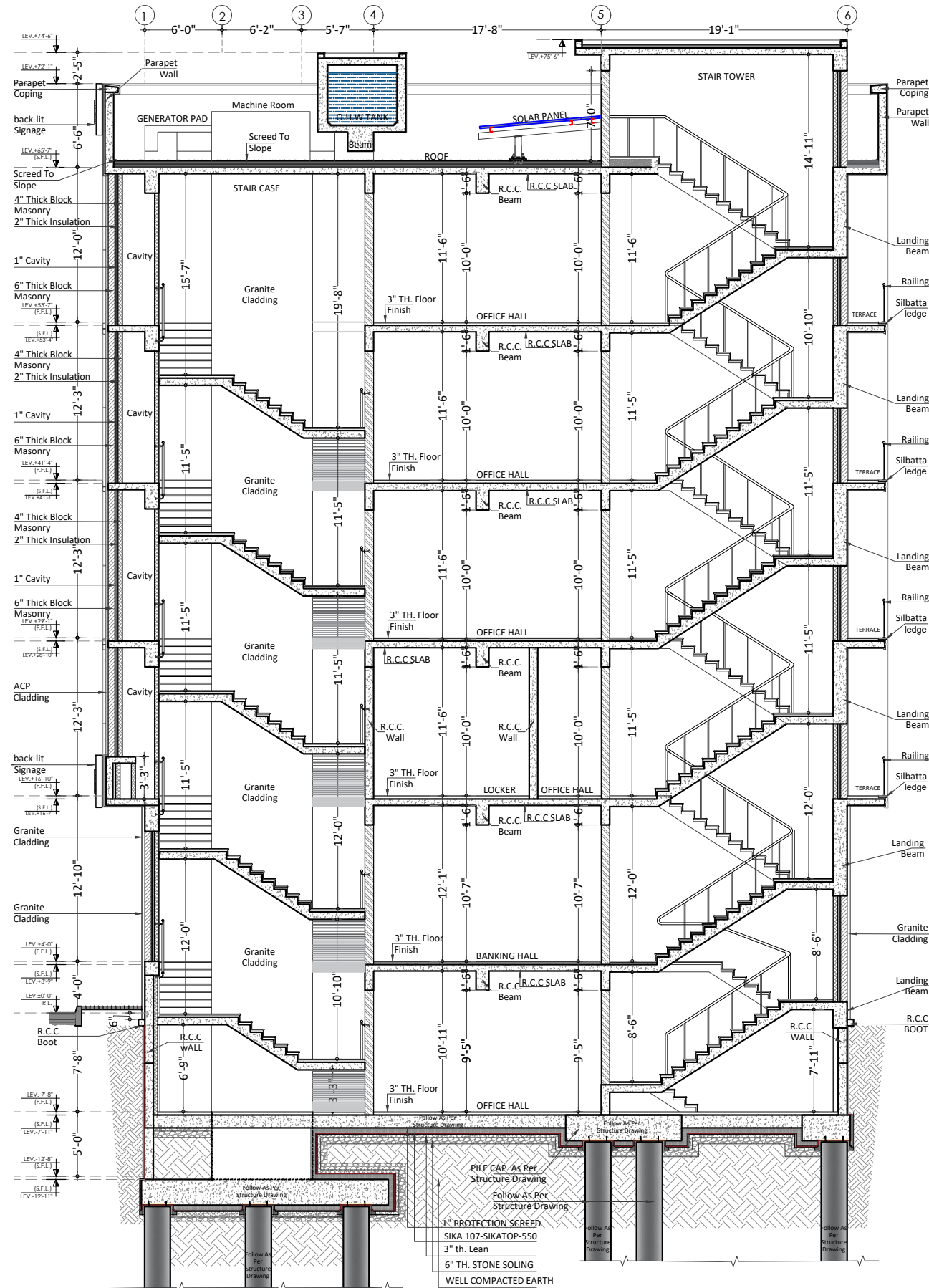
SHEET

REV.

8
of
8



PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer:  ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI. TEL: 021-34988461-34980871, FAX:34985907			
HVAC AND PLUMBING CONSULTANTS			
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01	ISSUE FOR Construction	24-3-25	
NO.	REVISION/ISSUE	DATE	
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO			
69-C,National Highway, PH.II			
TITLE			
SECTION			
SCALE		DATE	
3/32"= 1'-0"		Mar '25	
DWG. NO.	A-06	SHEET	REV.
		1 of 4	



PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL, KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

**PLOT NO
69-C,National Highway, PH.II**

TITLE

SECTION

SCALE

3/32"= 1'-0"

DATE

Mar '25

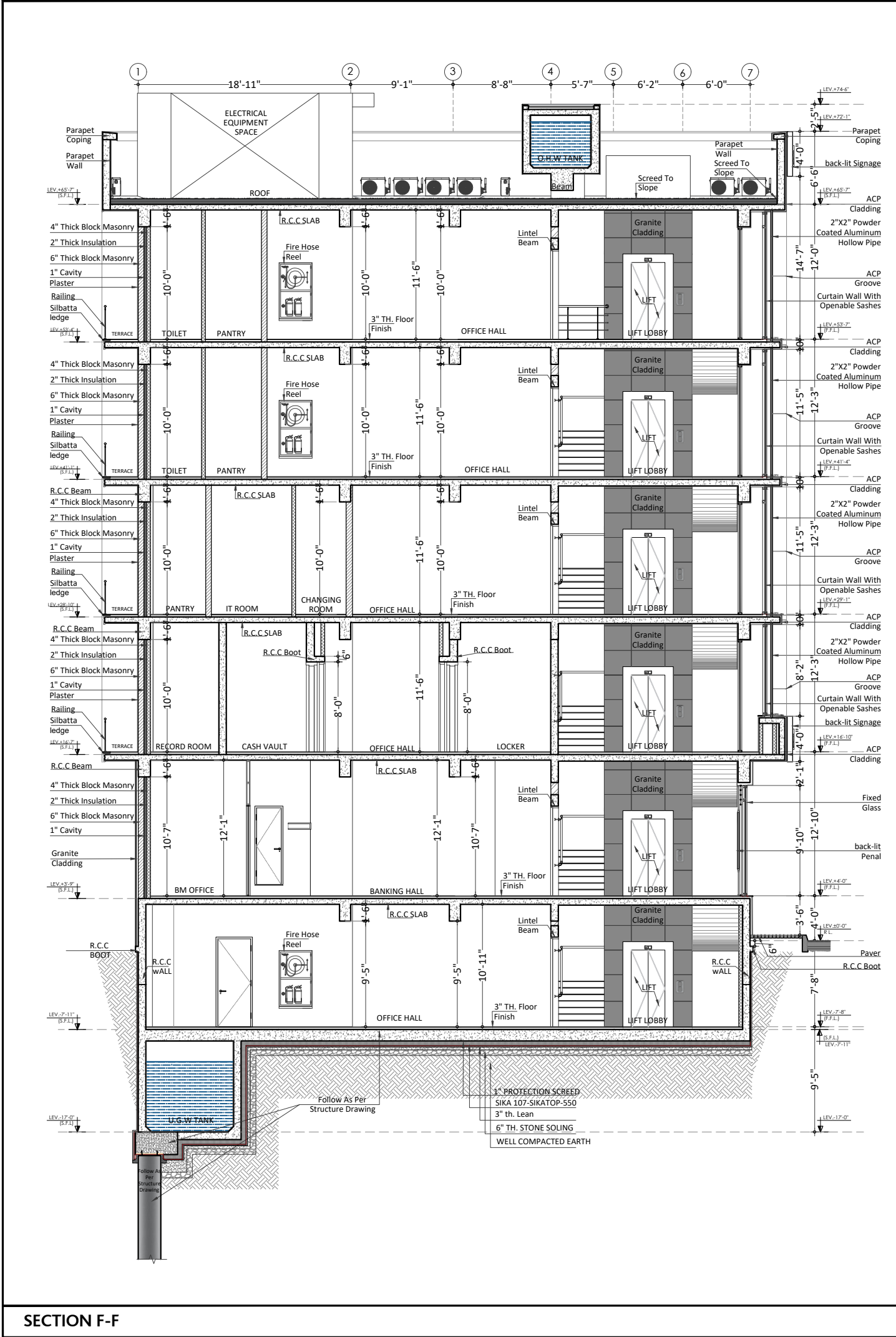
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A-06

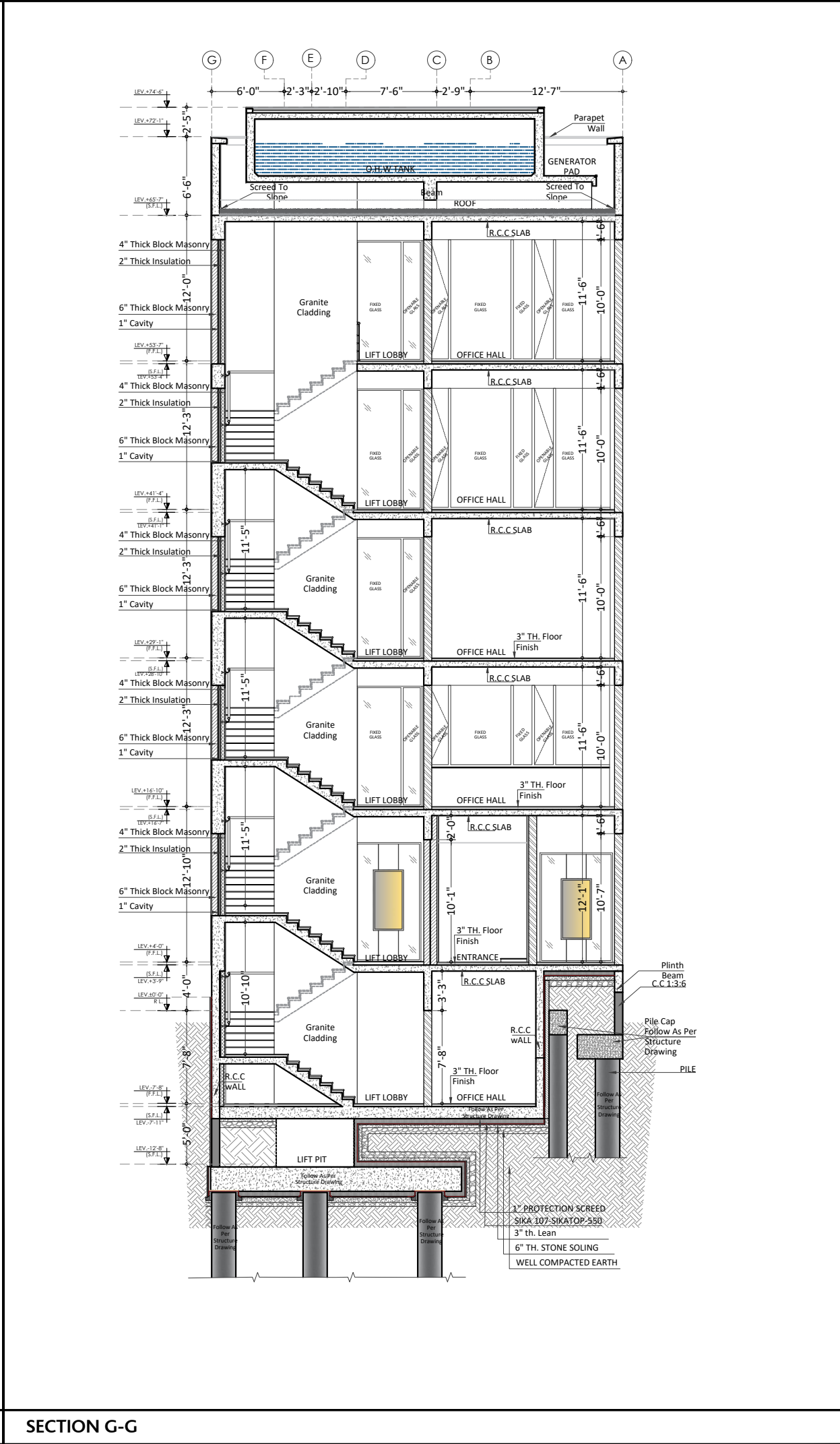
SHEET

REV.

2
of
4



SECTION F-F



SECTION G-G

PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer: ARIF & ASSOCIATES CONSULTANTS  C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI TEL: 021-34988461-34980871, FAX:34985907			
HVAC AND PLUMBING CONSULTANTS			
 FAHIM, NANJI & DESOUZA Consulting Engineers HVAC, Plumbing, Mechanical 10, ILACO House, Abdullah Haroon Road, Karachi-74400 Pakistan Ph: (92-21) 563-7878-82 Fax: (92-21) 521-1634 Email: fahimnanji@cyber.net.pk			
NOTE:			
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* ALL ERROR EMISSION TO BE REPORTED TO THE ARCHITECT DURING EXCECUITON WORK			
01	ISSUE FOR Construction	24-3-25	
NO.	REVISION/ISSUE	DATE	
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.II			
TITLE			
SECTION			
SCALE		DATE	
3/32"= 1'-0"		Mar '25	
DWG. NO.	A-06	SHEET	REV.
		4 of 4	

HL, AT 69-C,National Highway,KARACHI

GROUND FLOOR CONSTRUCTION DRAWINGS

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



3rd Floor : Marine Pride, Block -7, Khyaban-e-Iqbal, Clifton, Karachi-75600, Pakistan
Telephone: (92-21) 5878579 (92-21) 5878580, (92-21) 5870743 Facsimile: (92-21) 5878581
E-mail: cdesign@collaborativedesign.com.pk Website: www.collaborativedesign.com.pk

STRUCTURAL CONSULTANTS

Engineer:

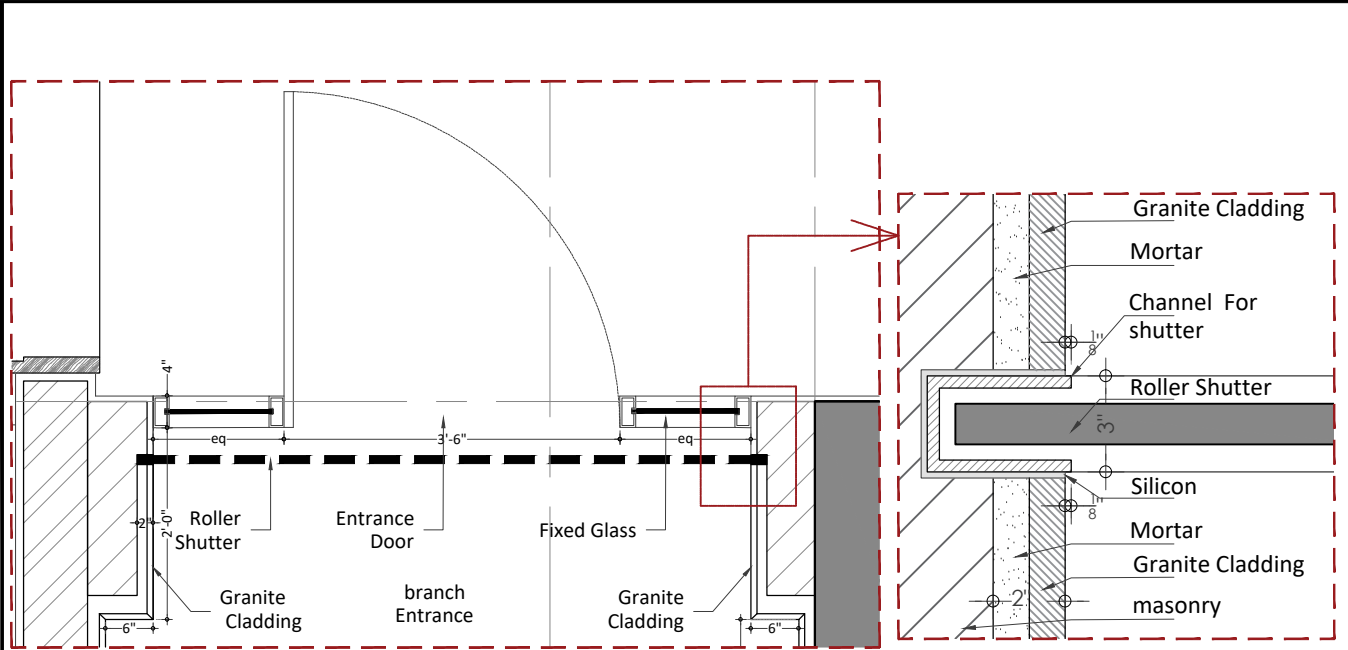
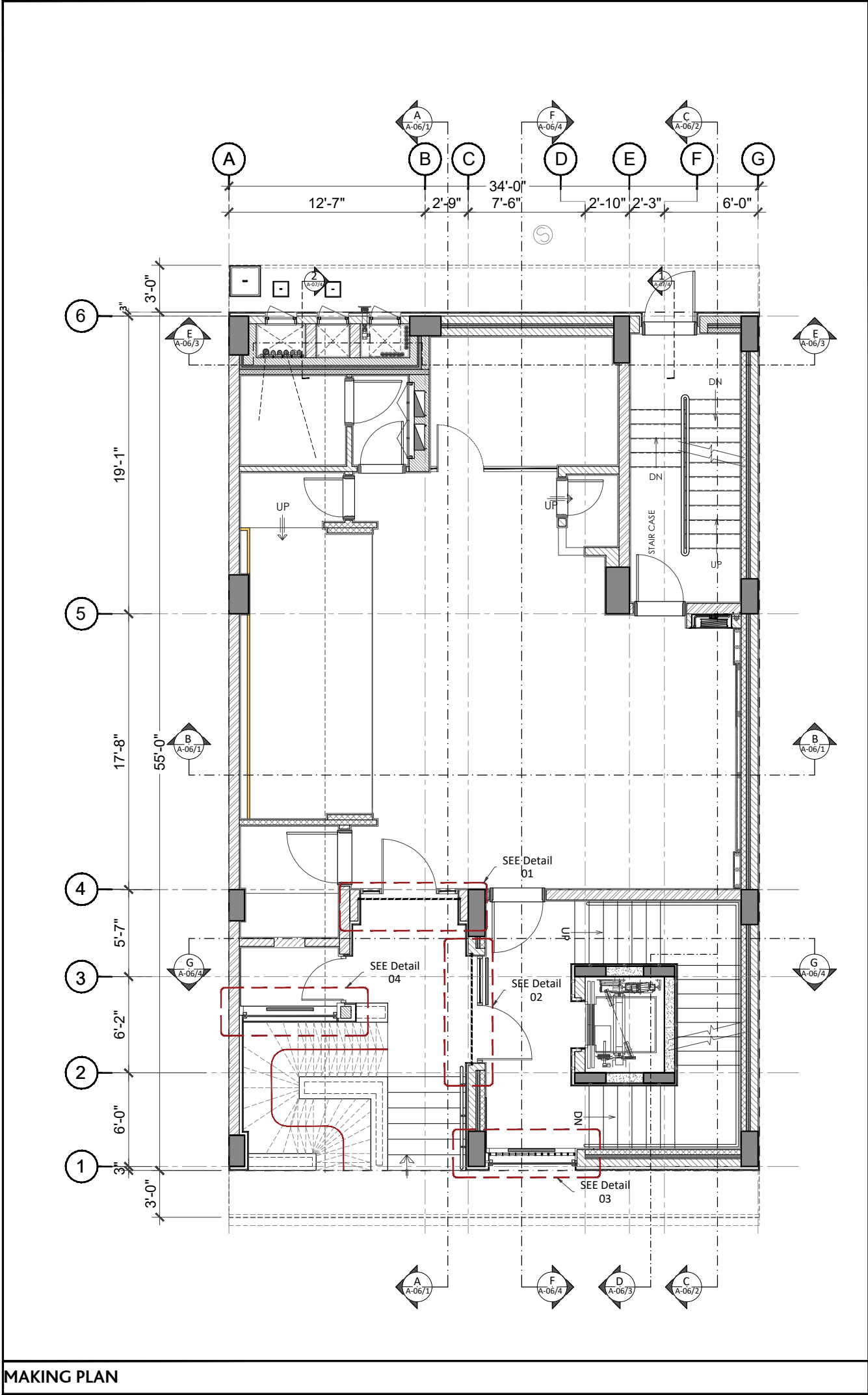


ARIF & ASSOCIATES
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

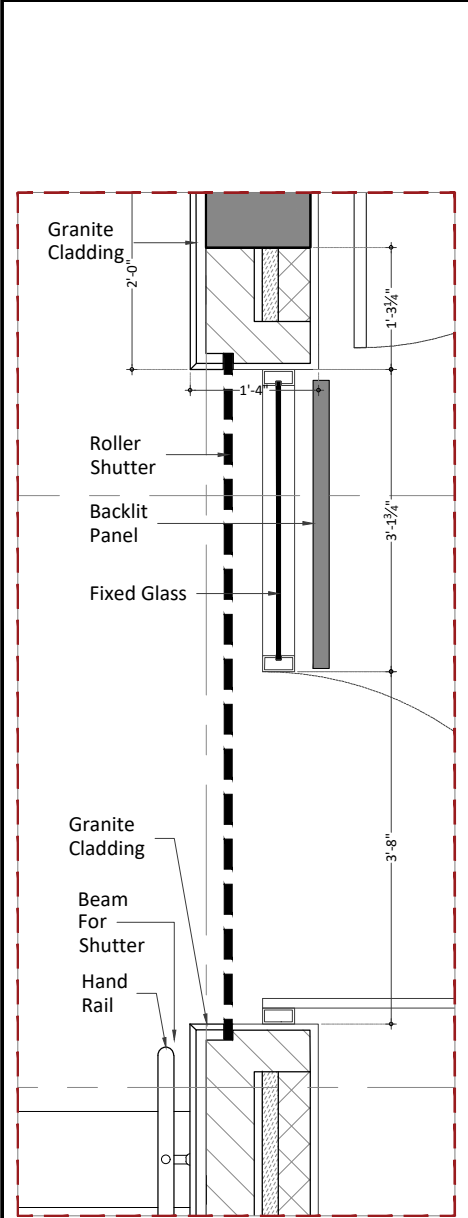
H.V.A.C. AND PLUMBING CONSULTANTS



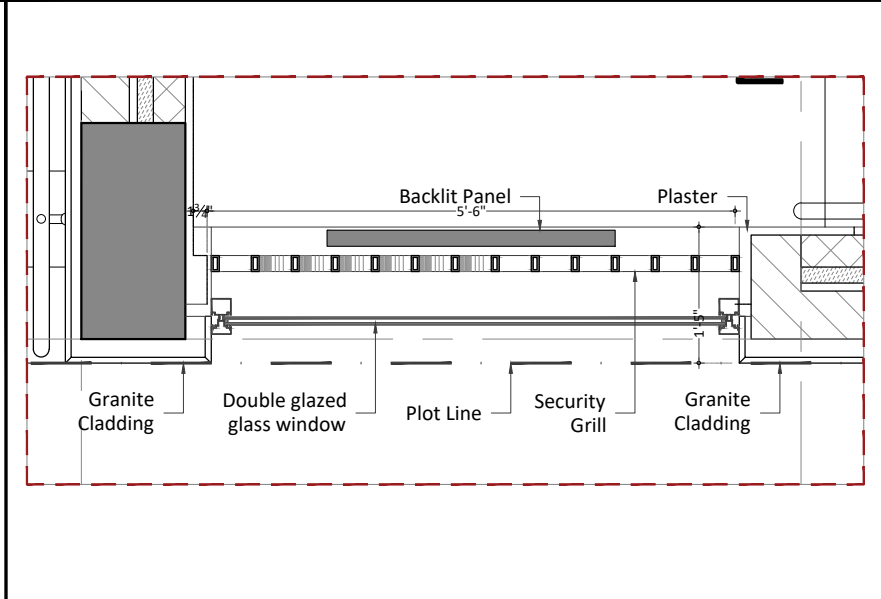
FAHIM, NANJI & DESOUZA
Consulting Engineers
HVAC, Plumbing, Mechanical
10, ILACO House, Abdullah Haroon Road, Karachi-74400
Pakistan.
Ph: (92-21) 563-7878-82
Fax: (92-21) 521-1634
Email: fahimfnd@cyber.net.pk



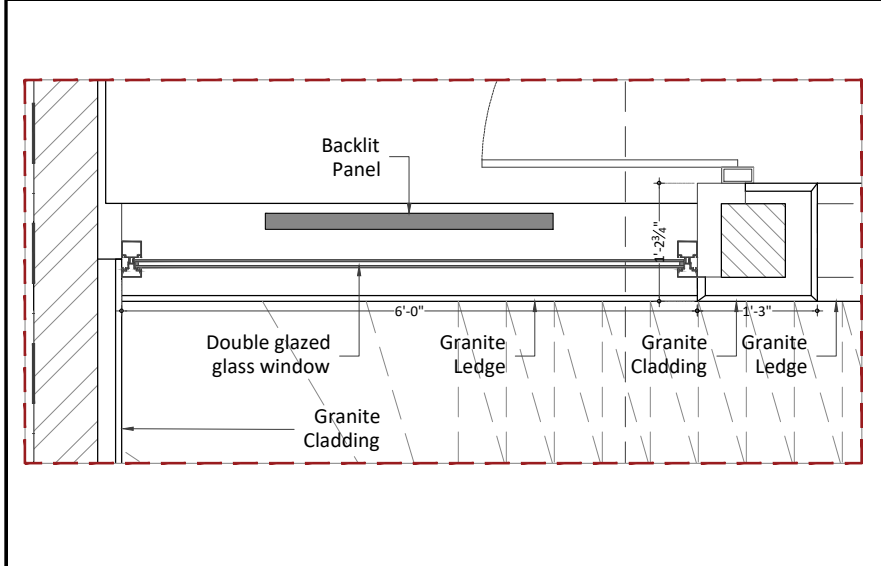
DETAIL -01



DETAIL -02



DETAIL -03



DETAIL -04

PROJECT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

STRUCTURE CONSULTANT'S

Engineer: ARIF & ASSOCIATES
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PARTITION KEY

6" MASONRY WALL

8" MASONRY WALL

4" MASONRY WALL

R.C.C COLUMN

R.C.C WALL

CEMENT BOARD 4" THICK

2" INSULATION

01

ISSUE FOR Construction

24-3-25

NO.

REVISION/ISSUE

DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.III

TITLE

GROUND FLOOR
MAKING PLAN

SCALE

AS SHOWN

DATE

Mar '25

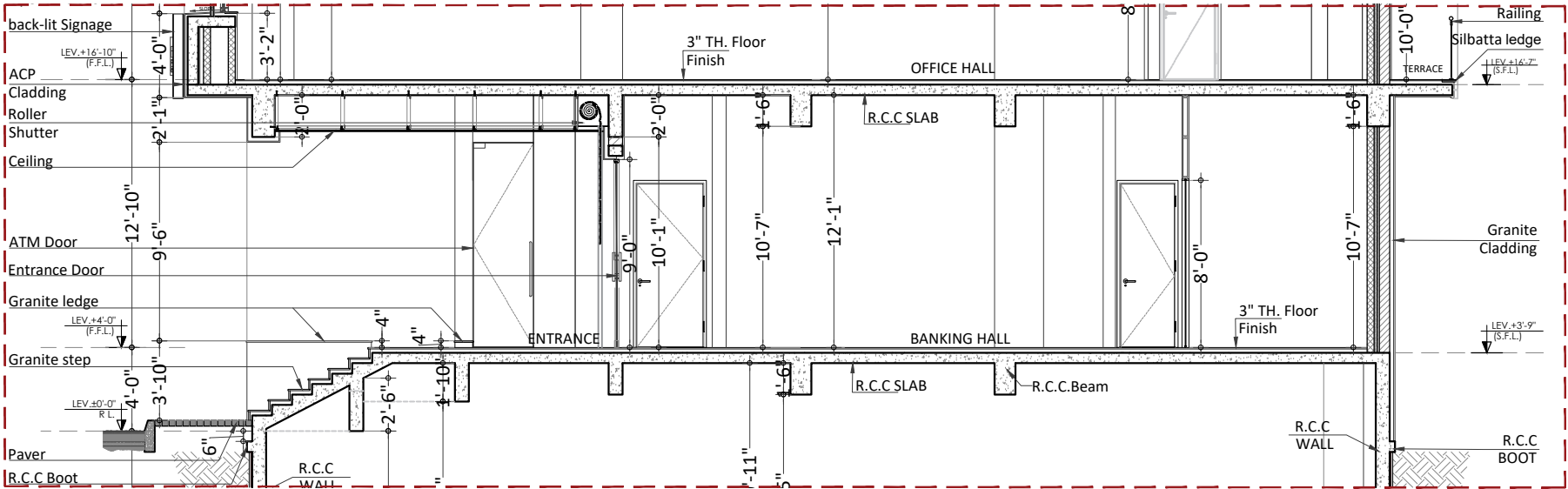
DWG. NO.

A-07

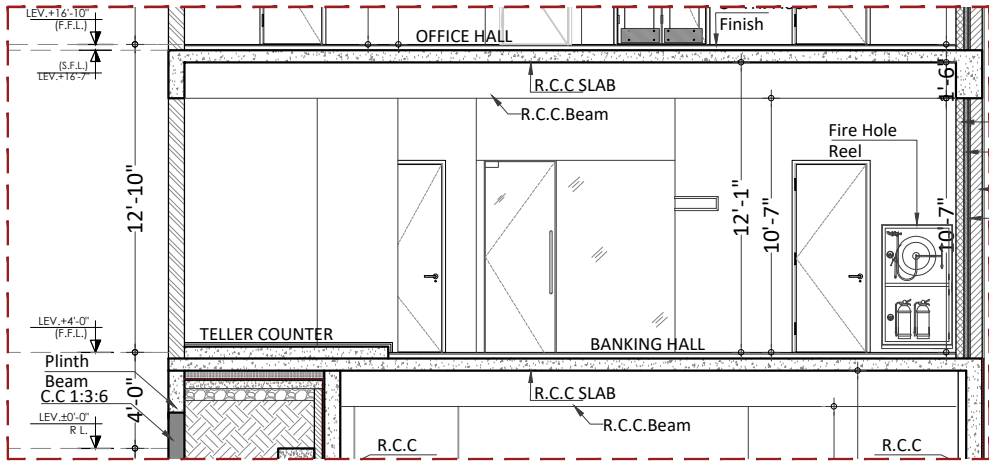
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1 of 17

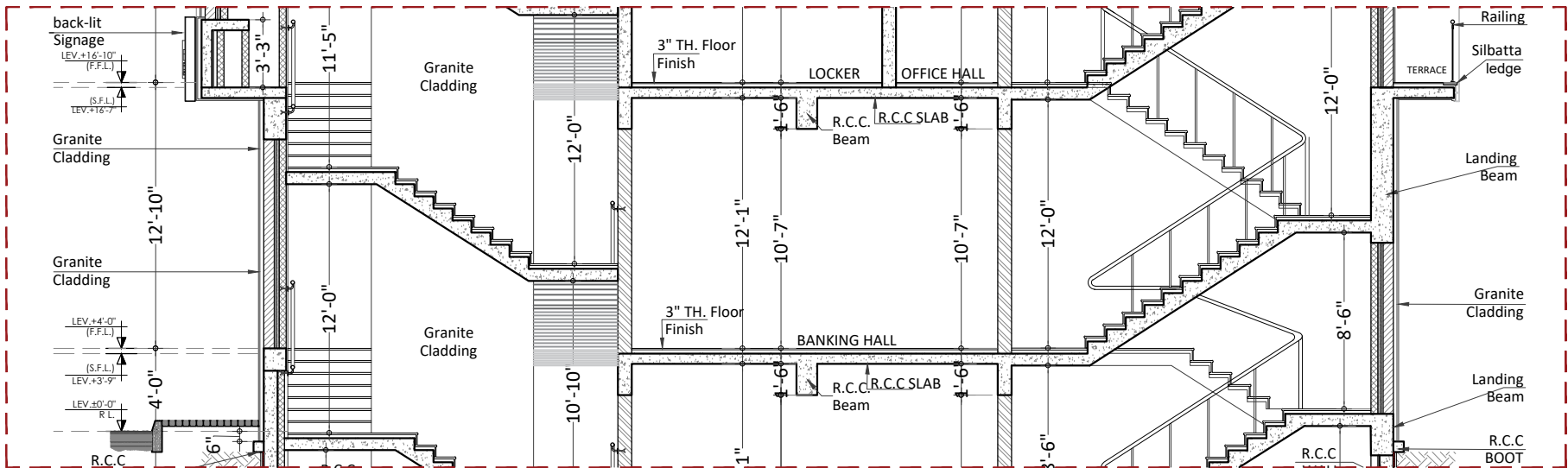
REV.



PART SECTION A



PART SECTION B



PART SECTION C

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
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01	ISSUE FOR Construction	24-3-25
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NO.	REVISION/ISSUE	DATE
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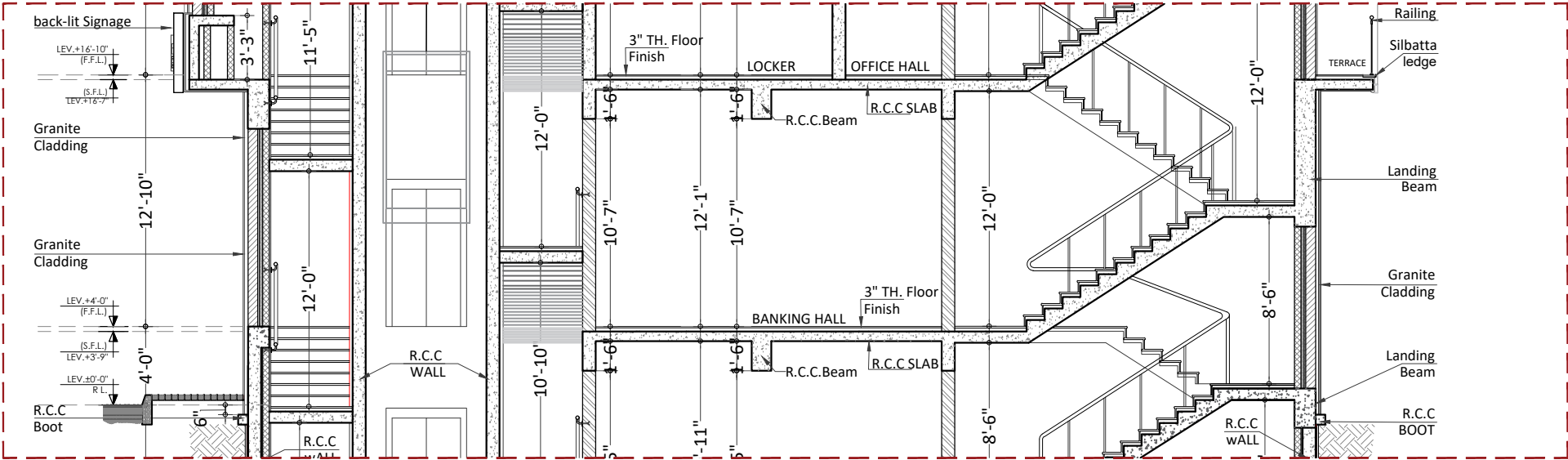
CLIENT
HABIB BANK LIMITED

Address
**PLOT NO
69-C,National Highway, PH.III**

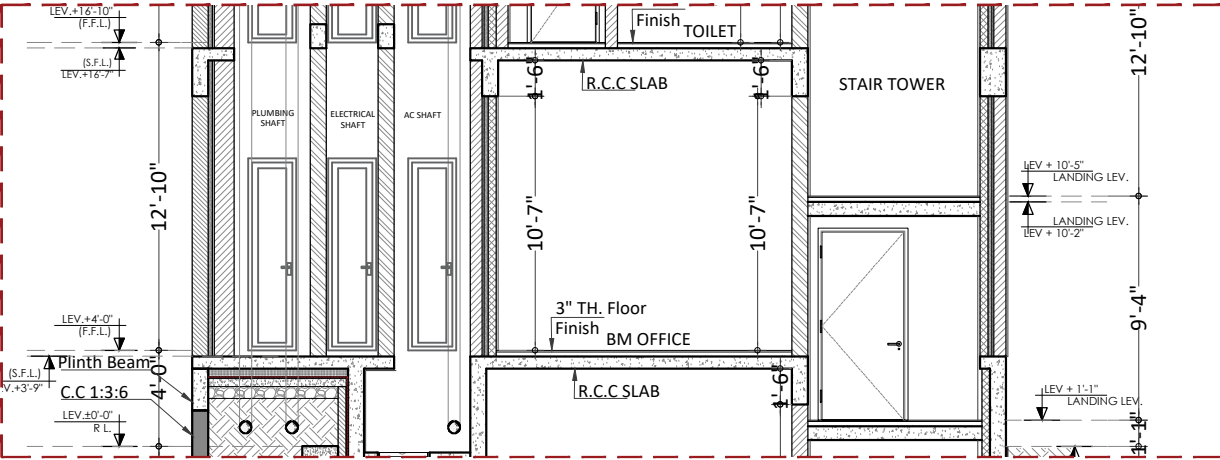
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GROUND FLOOR SECTION

SCALE	DATE
1/8"= 1'-0"	Mar '25

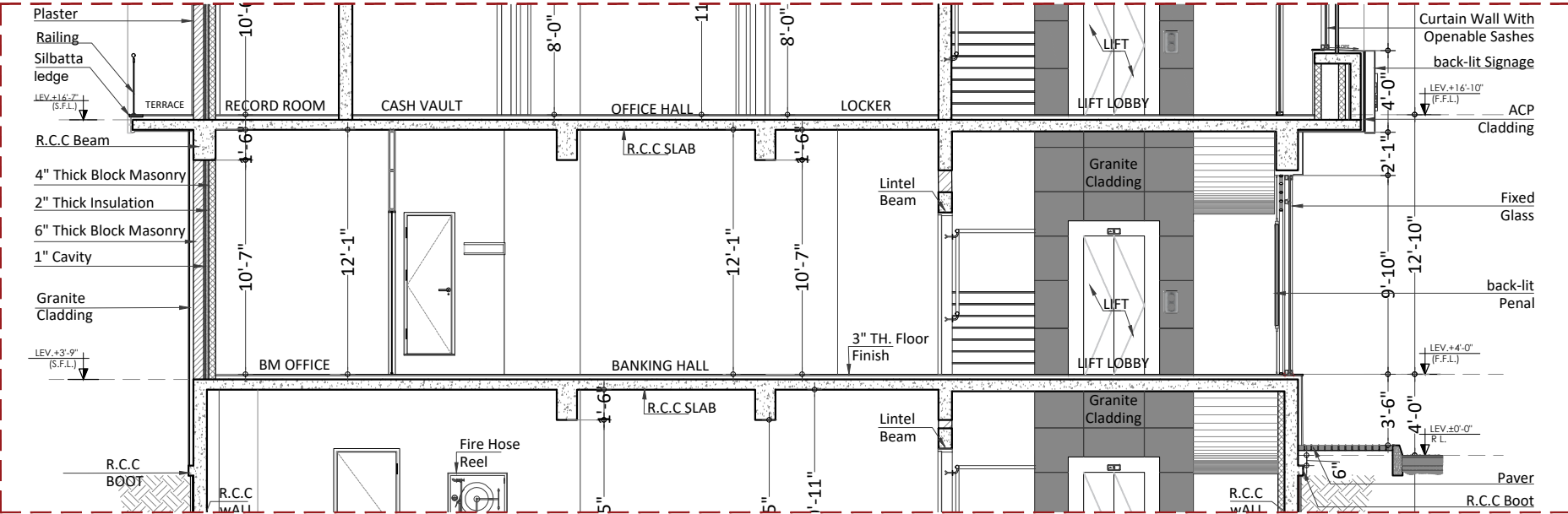
DWG. NO.	SHEET	REV.
A-07	2 of 17	



PART SECTION D



PART SECTION E



PART SECTION F

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
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GULSHAN - E - IQBAL, KARACHI.
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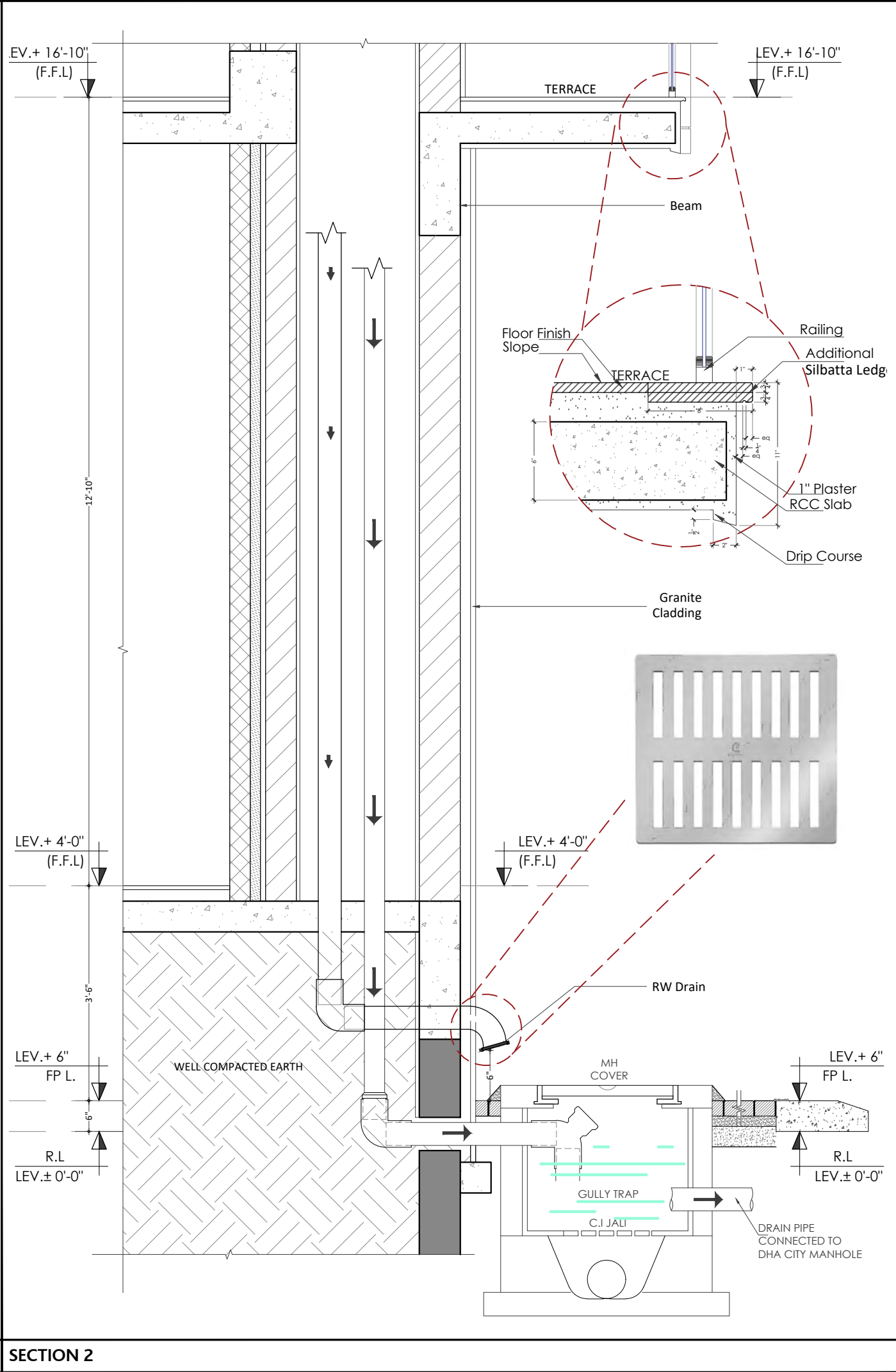
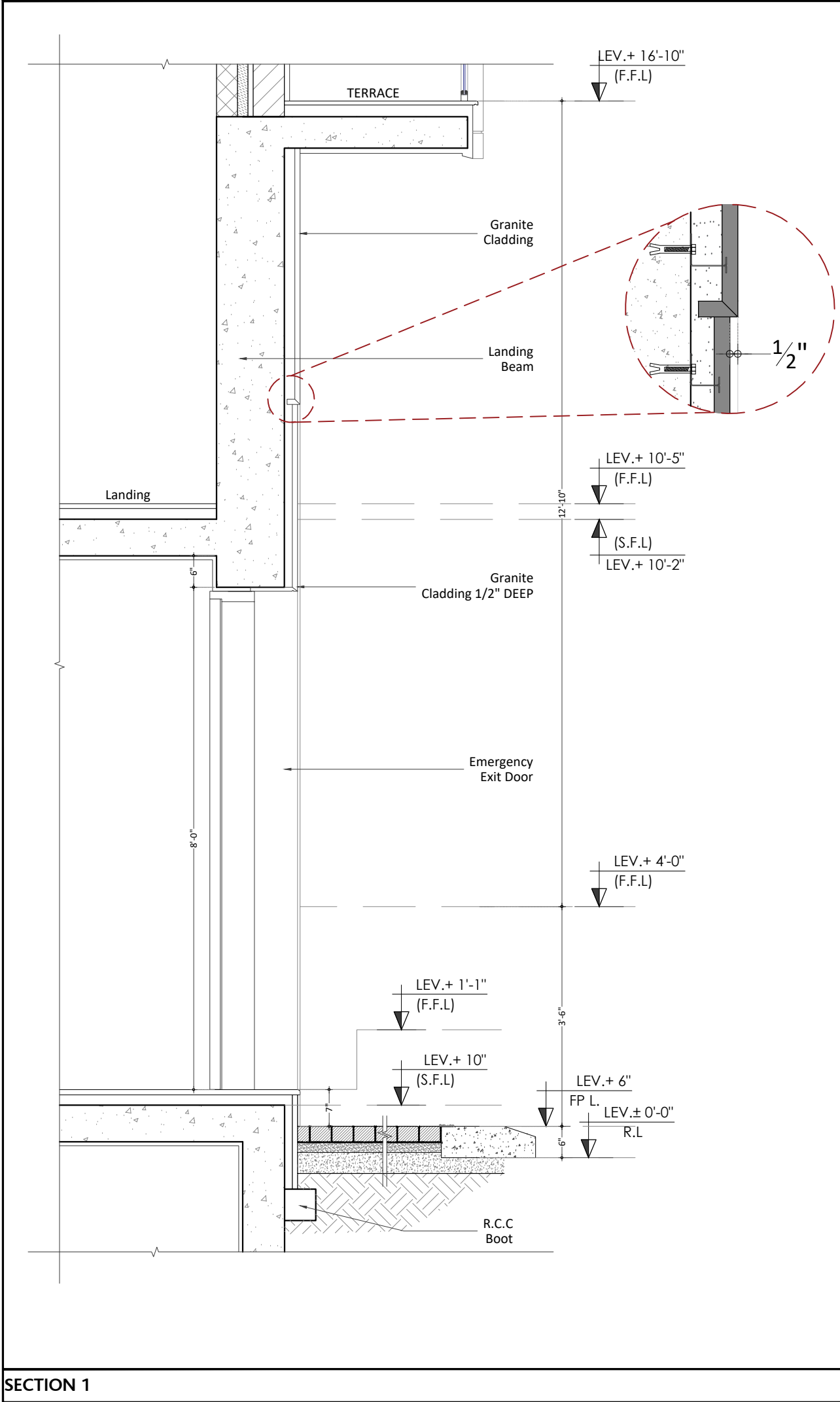
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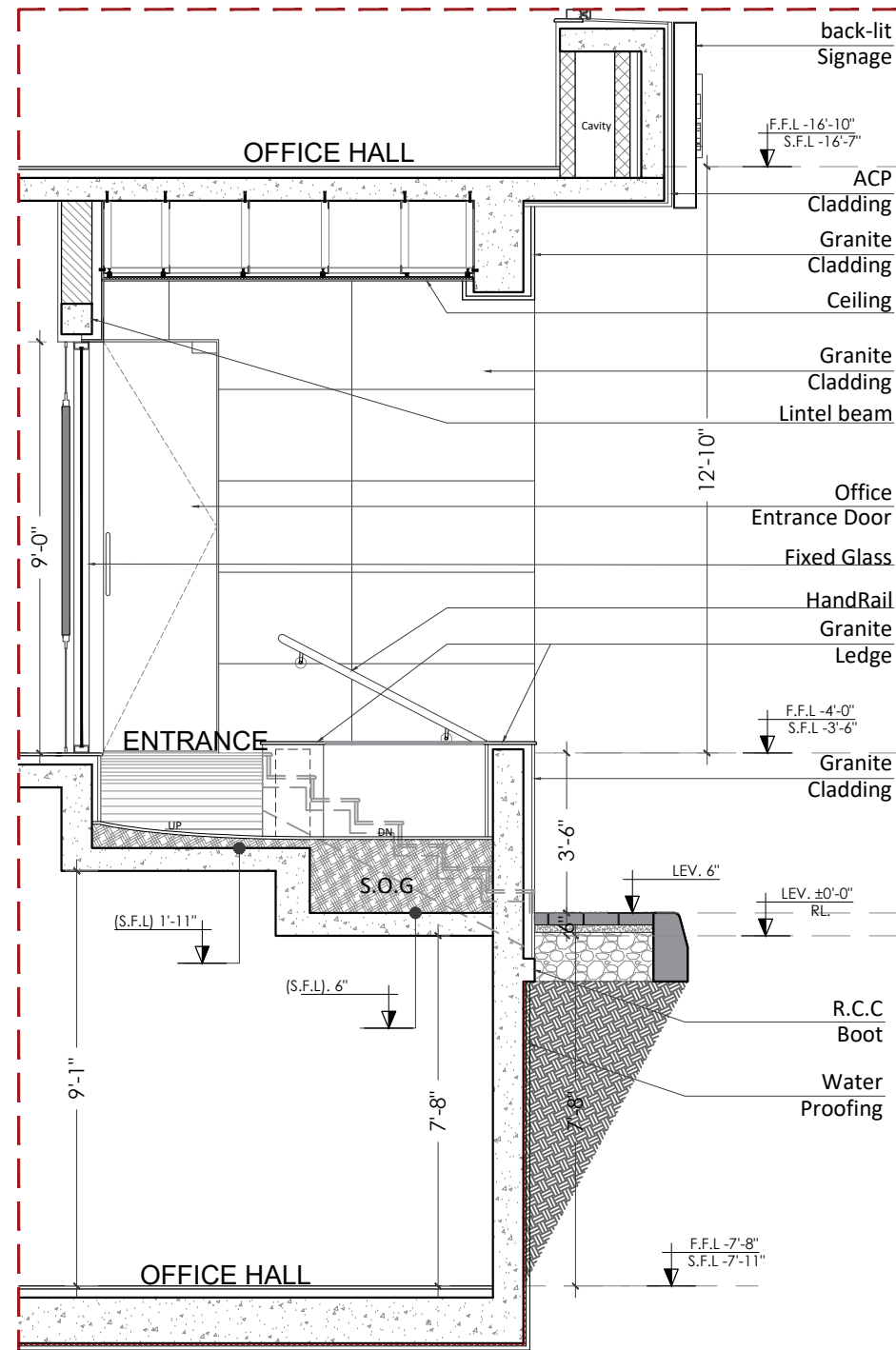
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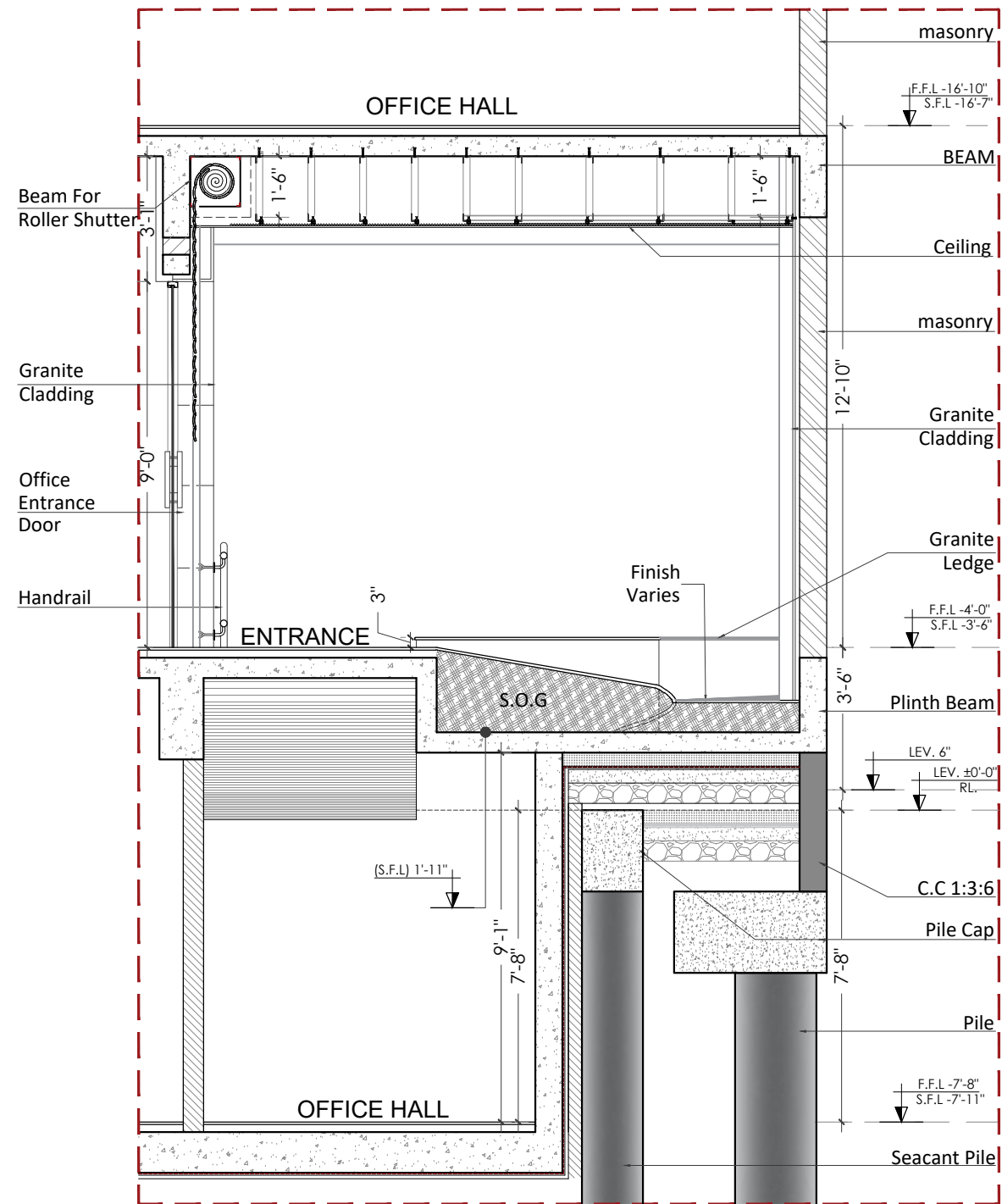
01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE
CLIENT		
HABIB BANK LIMITED		
Address		
PLOT NO 69-C,National Highway, PH.III		
TITLE		
GROUND FLOOR SECTION		
SCALE		DATE
1/8"= 1'-0"		Mar '25
DWG. NO.	A-07	SHEET 3 of 17
		REV.



PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer:  ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI TEL: 021-34988461-34980871, FAX:34985907			
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01	ISSUE FOR Construction	24-3-25	
NO.	REVISION/ISSUE	DATE	
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.II			
TITLE			
WALL SECTION			
SCALE		DATE	
1/2"= 1'-0"		Mar '25	
DWG. NO.	A-07	SHEET	REV.
		4 of 17	



SECTION X



SECTION Y

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL, KARACHI.
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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.IIi

TITLE

RAMP SECTION

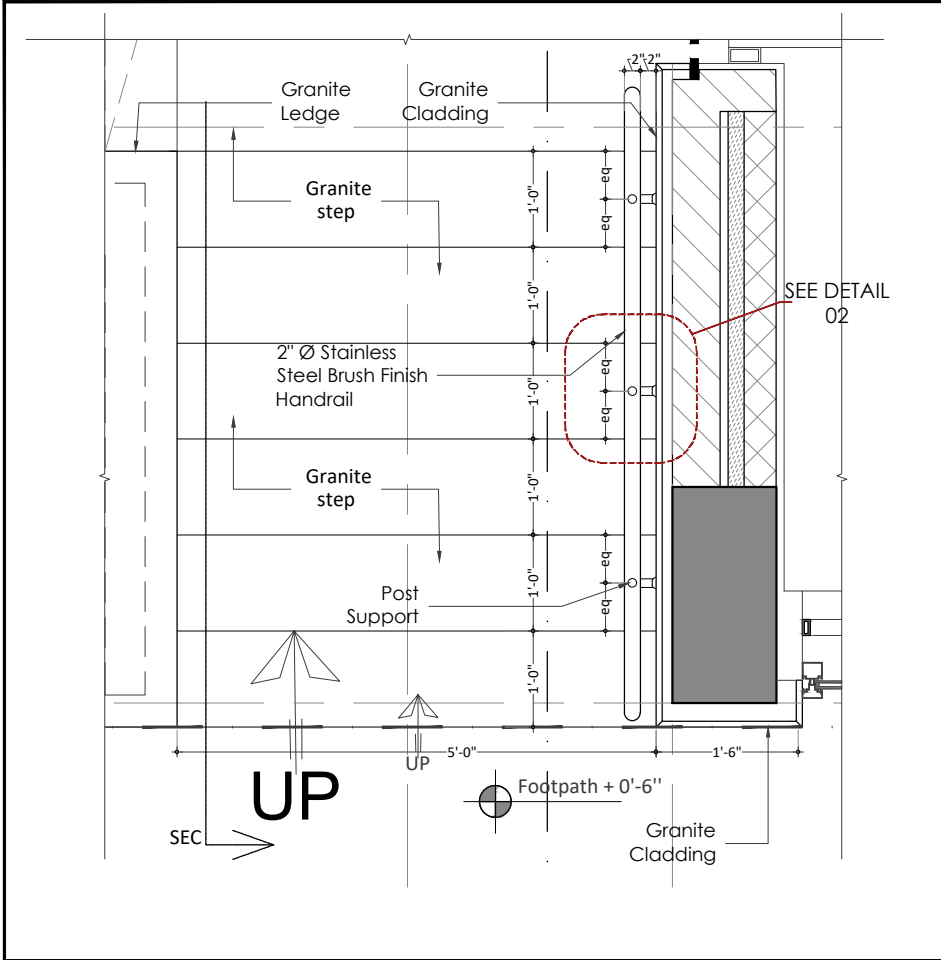
SCALE

1/4" = 1'-0"

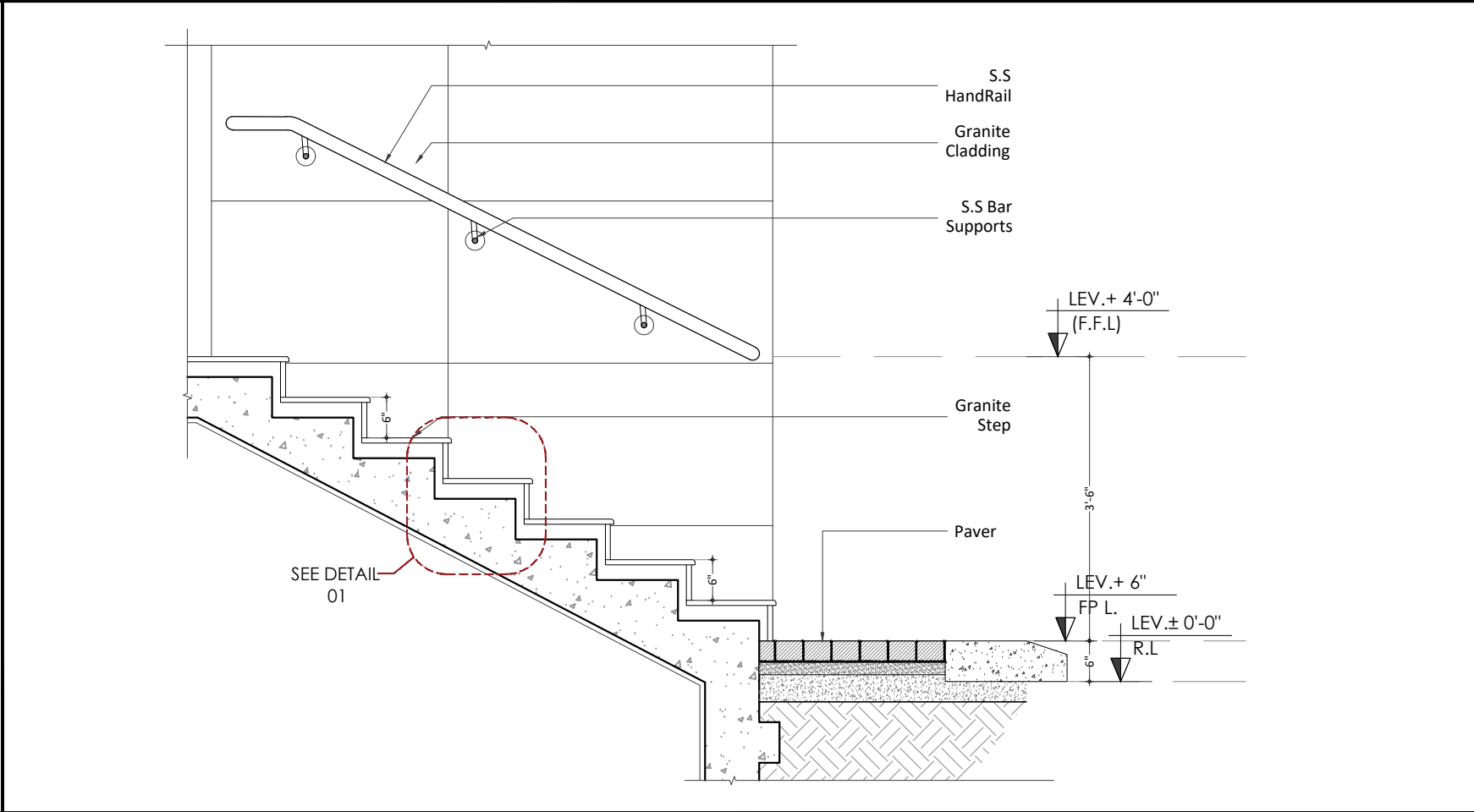
DATE

Mar '25

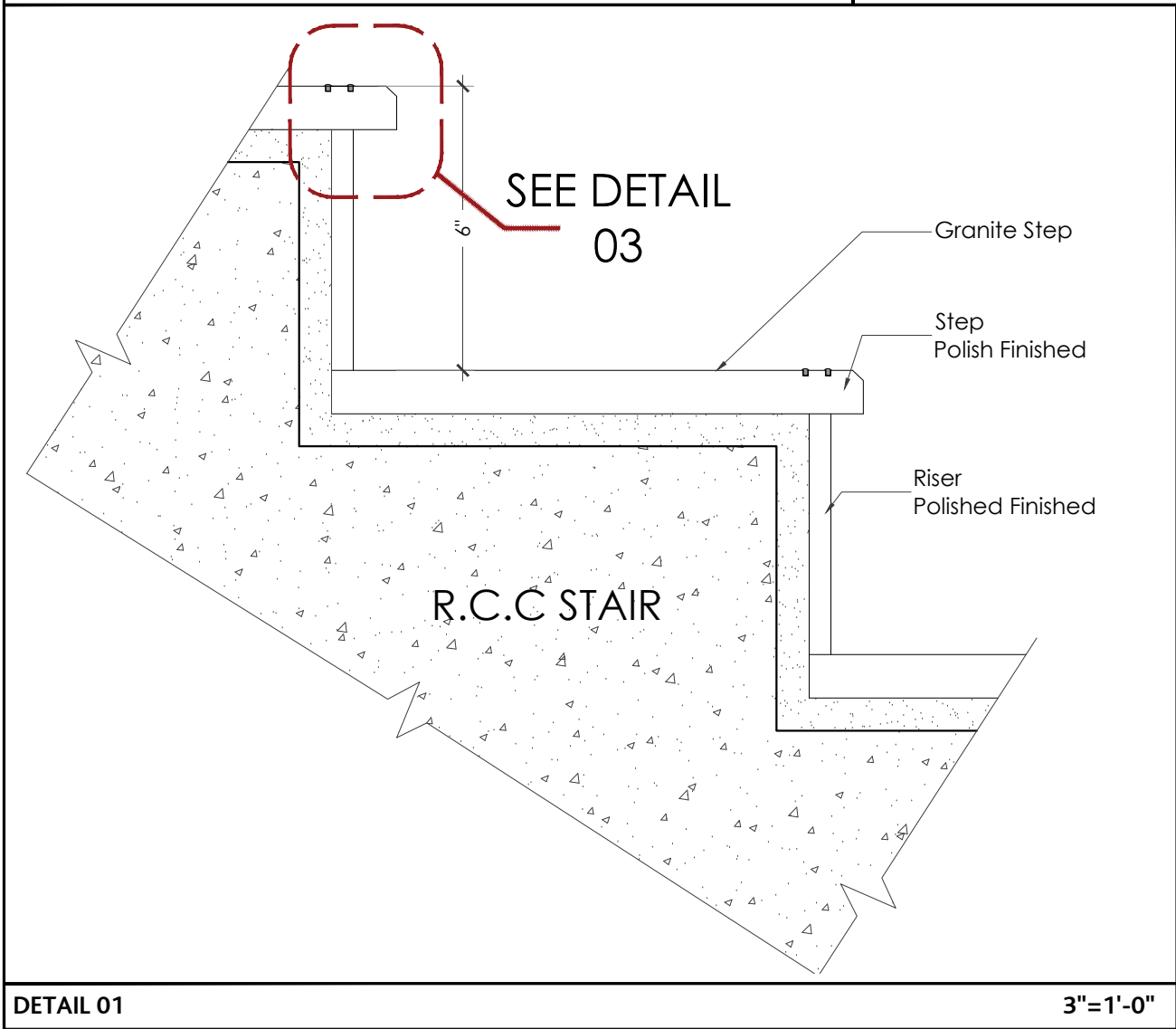
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A-07	6 of 17	



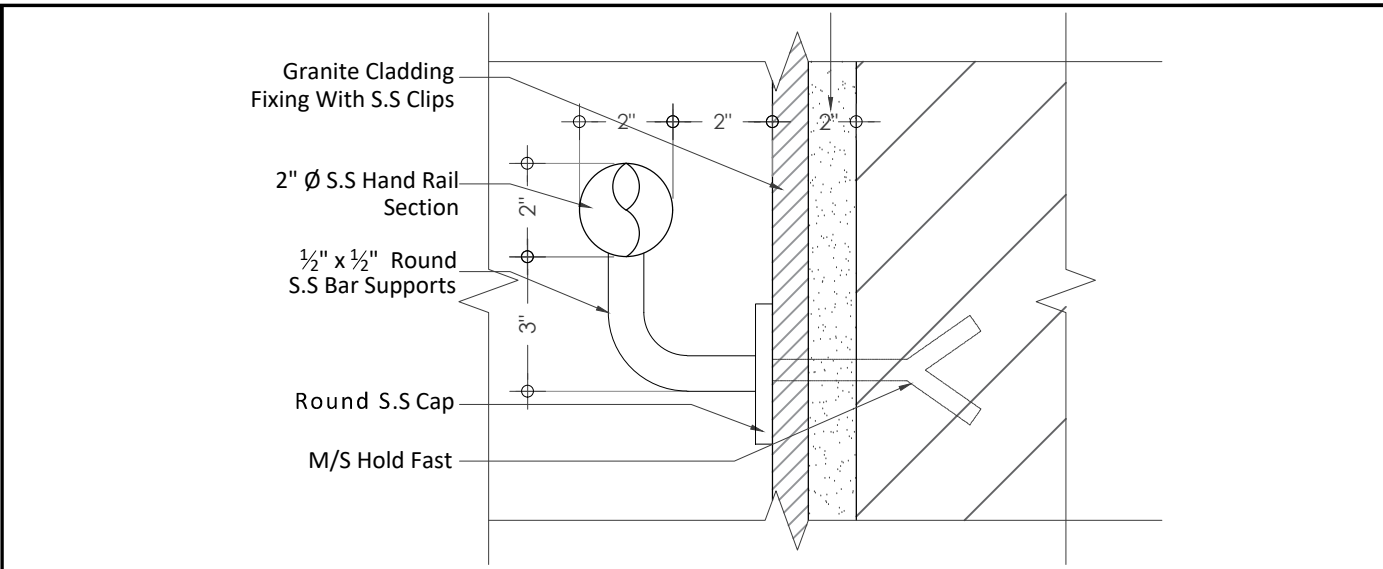
ENTRANCE STAIR PART PLAN 1/2"=1'-0"



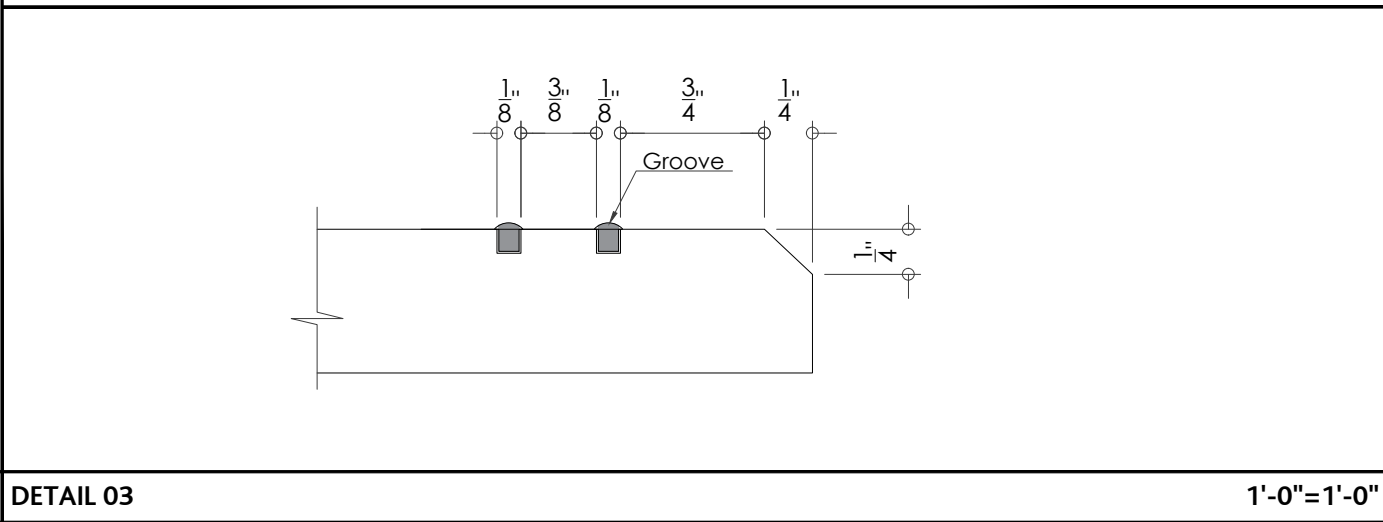
SECTION 1/2"=1'-0"



DETAIL 01 3"=1'-0"



DETAIL 02 3"=1'-0"



DETAIL 03 1'-0"=1'-0"

PROJECT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

STRUCTURE CONSULTANT'S

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CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL KARACHI.
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HVAC AND PLUMBING CONSULTANTS

FAHIM, NANJI & DESOUZA
Consulting Engineers
HVAC, Plumbing, Mechanical
10, ILACO House, Abdullah Haroon Road, Karachi-74400
Pakistan
Ph: (92-21) 563-7878-82
Fax: (92-21) 521-1634
Email: fahimnaji@cyber.net.pk

NOTE:

* ALL DIMENSIONS ARE IN FEET (') AND INCHES (")
* ALL ERROR EMISSION TO BE REPORTED TO THE ARCHITECT DURING EXCECUITON WORK

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO 69-C,National Highway, PH.III

TITLE

ENTRANCE STAIR DETAIL

SCALE	DATE
AS SHOWN	Mar '25

DWG. NO.	A-07	SHEET	7 of 17	REV.
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HL, AT 69-C,National Highway,KARACHI

BASEMENT BLOWNUP DRAWINGS

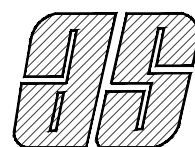
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



3rd Floor : Marine Pride, Block -7, Khyaban-e-Iqbal, Clifton, Karachi-75600, Pakistan
Telephone: (92-21) 5878579 (92-21) 5878580, (92-21) 5870743 Facsimile: (92-21) 5878581
E-mail: cdesign@collaborativedesign.com.pk Website: www.collaborativedesign.com.pk

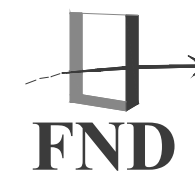
STRUCTURAL CONSULTANTS

Engineer:

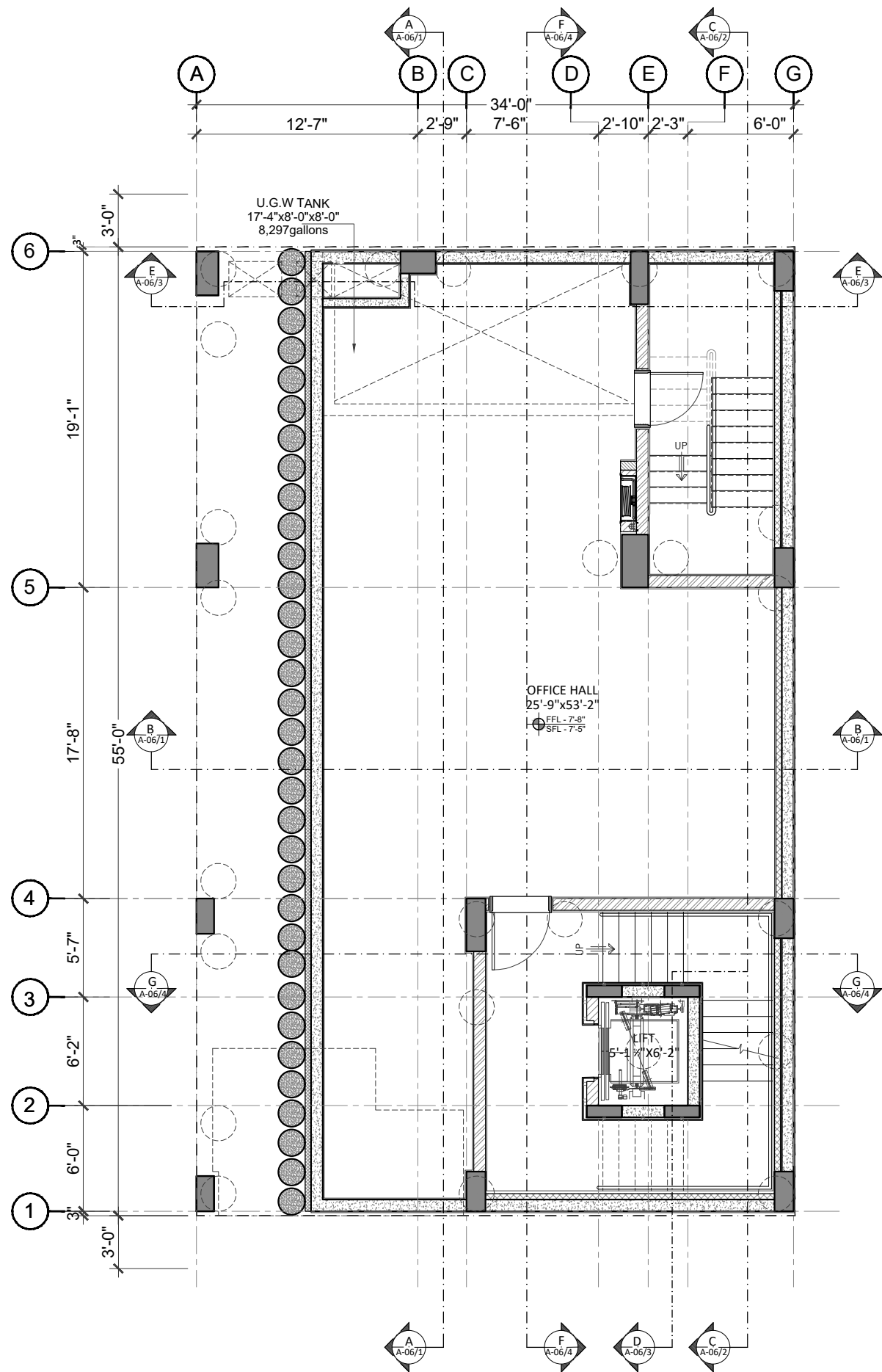


ARIF & ASSOCIATES
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

H.V.A.C. AND PLUMBING CONSULTANTS



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Pakistan.
Ph: (92-21) 563-7878-82
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Email: fahimfnd@cyber.net.pk



MAKING PLAN

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL, KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

HVAC AND PLUMBING CONSULTANTS

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Fax: (92-21) 521-1634
Email: fahimnaji@cyber.net.pk

NOTE:

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INCHES (")

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TO THE ARCHITECT DURING
EXCECUITON WORK

6" MASONRY WALL	
8" MASONRY WALL	
4" MASONRY WALL	
R.C.C COLUMN	
R.C.C WALL	
CEMENT BOARD 4" THICK	
2" INSULATION	

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

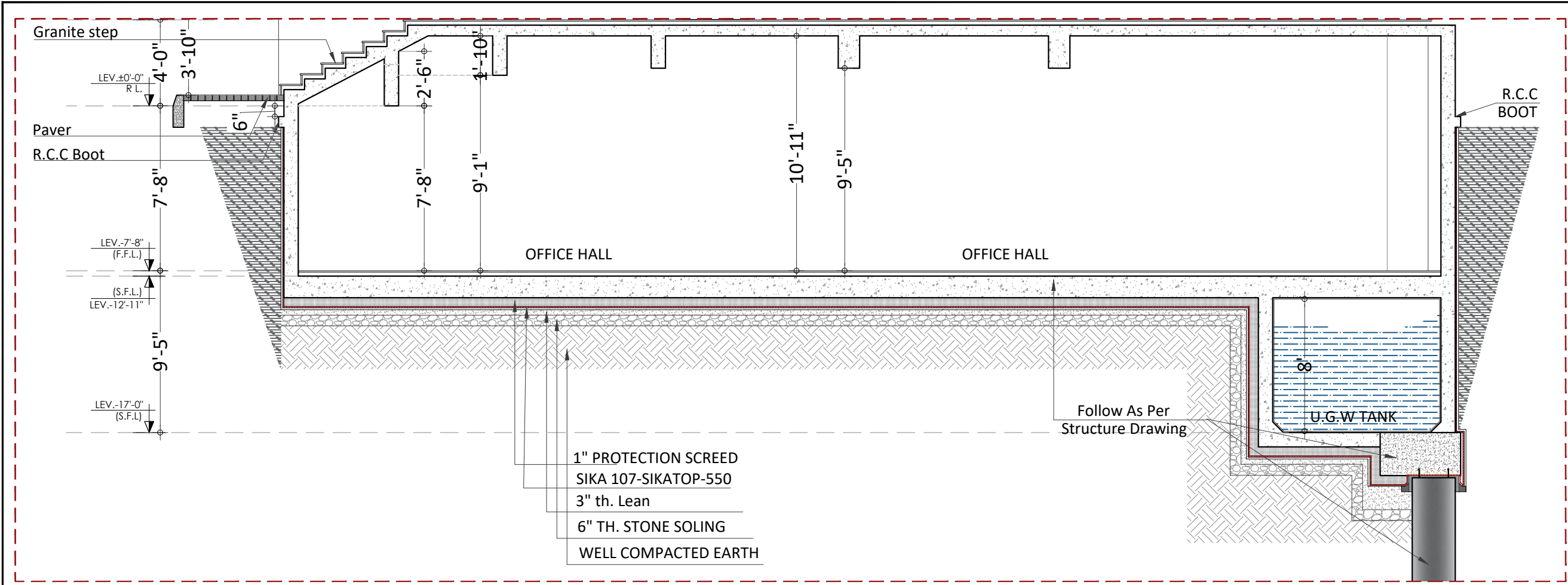
PLOT NO
69-C,National Highway, PH.II

TITLE

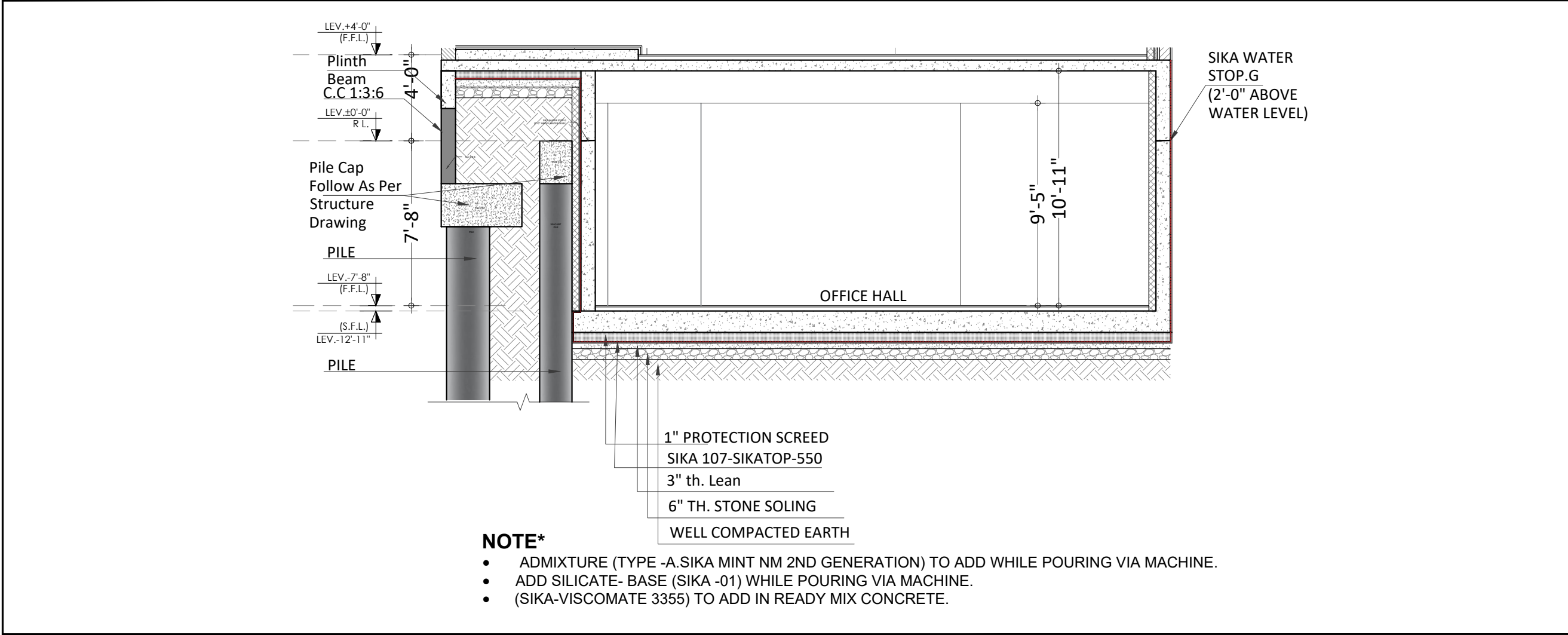
BASEMENT MAKING PLAN

SCALE	DATE
1/8"= 1'-0"	Mar '25

DWG. NO.	SHEET	REV.
A-07	8 of 17	



PART SECTION A



PART SECTION B

PROJECT

**HBL
69-C,National
Highway, PH.II**

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

**COLLABORATIVE
DESIGN**

STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL, KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

HVAC AND PLUMBING CONSULTANTS

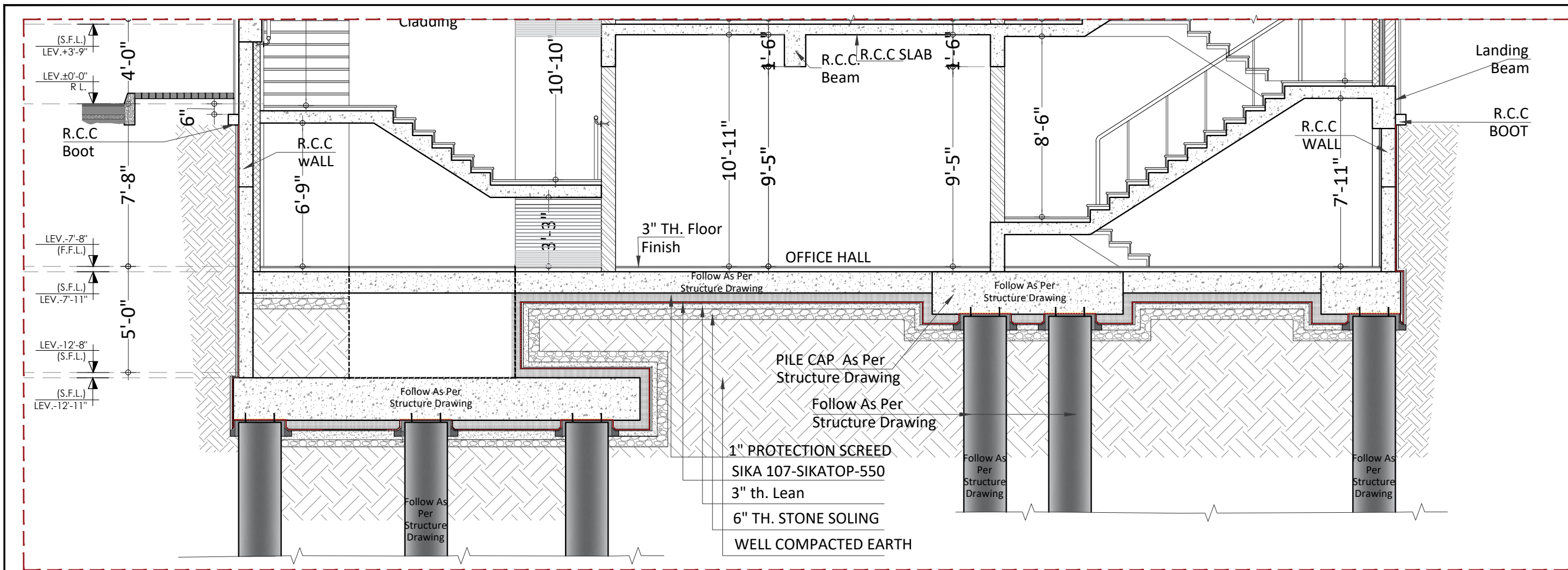
FAHIM, NANJI & DESOUZA
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Fax: (92-21) 521-1634
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NOTE:

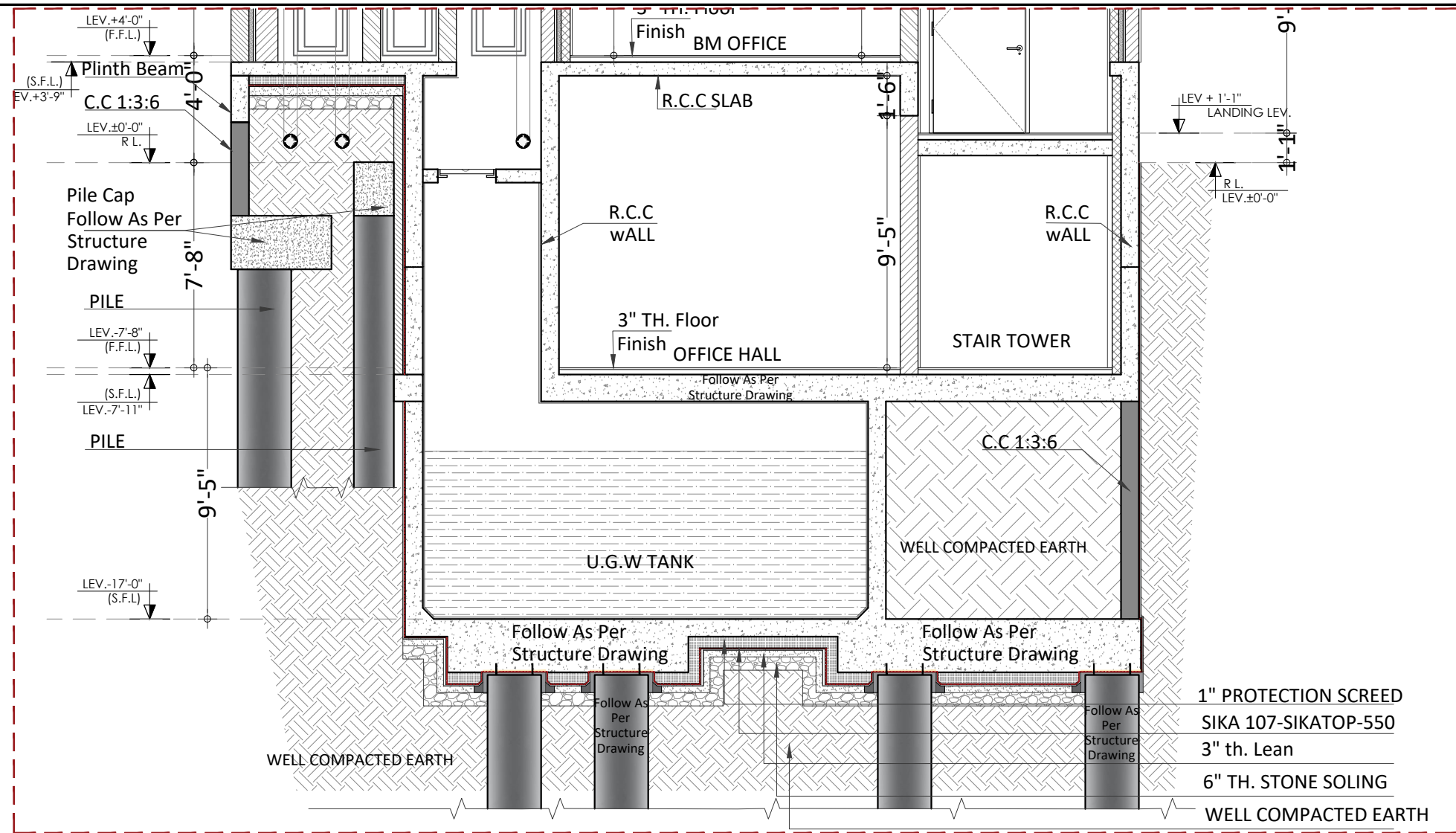
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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE
CLIENT		
HABIB BANK LIMITED		
Address		
PLOT NO 69-C,National Highway, PH.II		
TITLE		
BESEMENT FLOOR SECTION		
SCALE		DATE
3/16"= 1'-0"		Mar '25
DWG. NO.	A-07	SHEET 9 of 17
		REV.



PART SECTION C



PART SECTION E

PROJECT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

 Engineer: **ARIF & ASSOCIATES**
 CONSULTANTS
 C-84, BLOCK-8, NEAR URDU COLLEGE,
 GULSHAN - E - IQBAL, KARACHI.
 TEL: 021-34988461-34980871, FAX:34985907

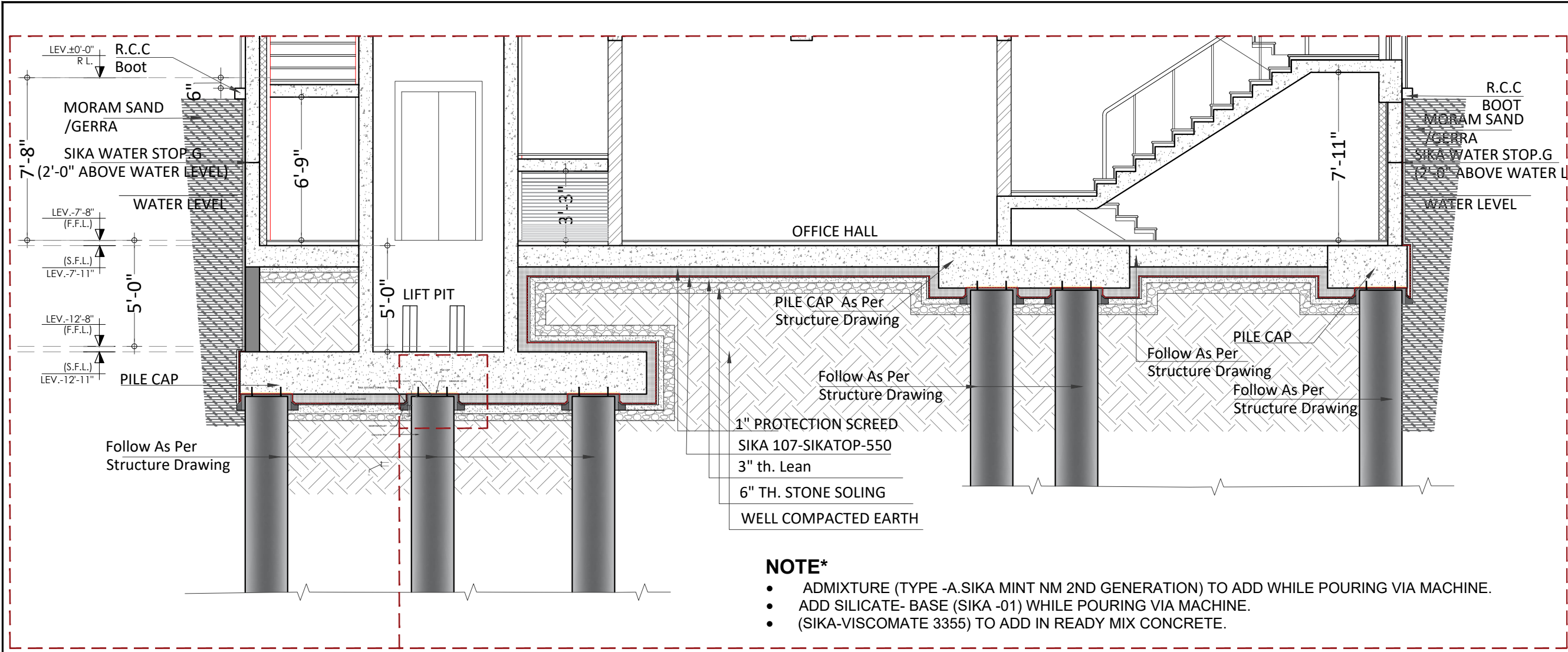
HVAC AND PLUMBING CONSULTANTS


FAHIM, NANJI & DESOUZA
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 Pakistan
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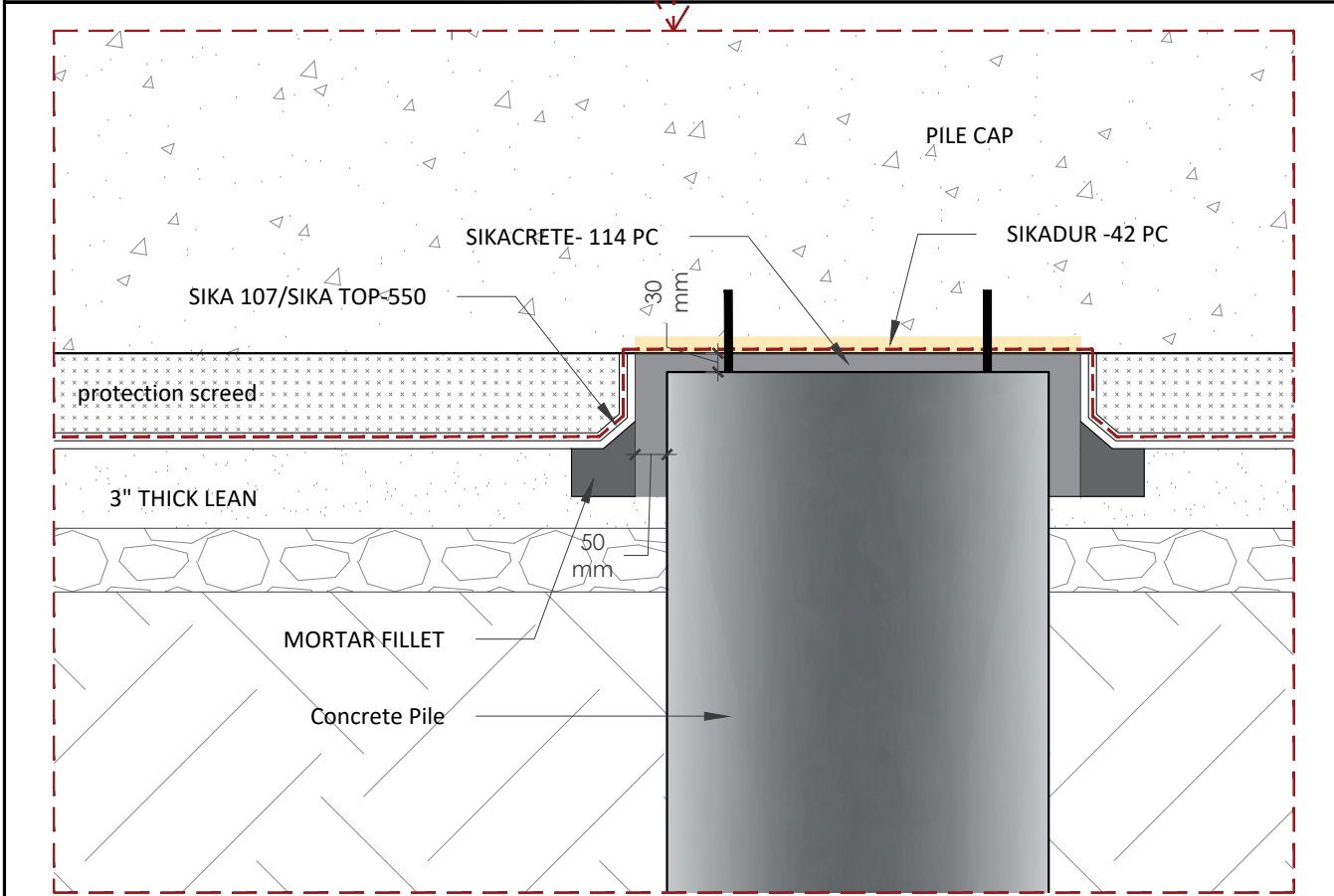
01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE
CLIENT		
HABIB BANK LIMITED		
Address		
PLOT NO 69-C,National Highway, PH.II		
TITLE		
BESEMENT FLOOR SECTION		
SCALE		DATE
3/16"= 1'-0"		Mar '25
DWG. NO.	A-07	SHEET 10 of 17
		REV.



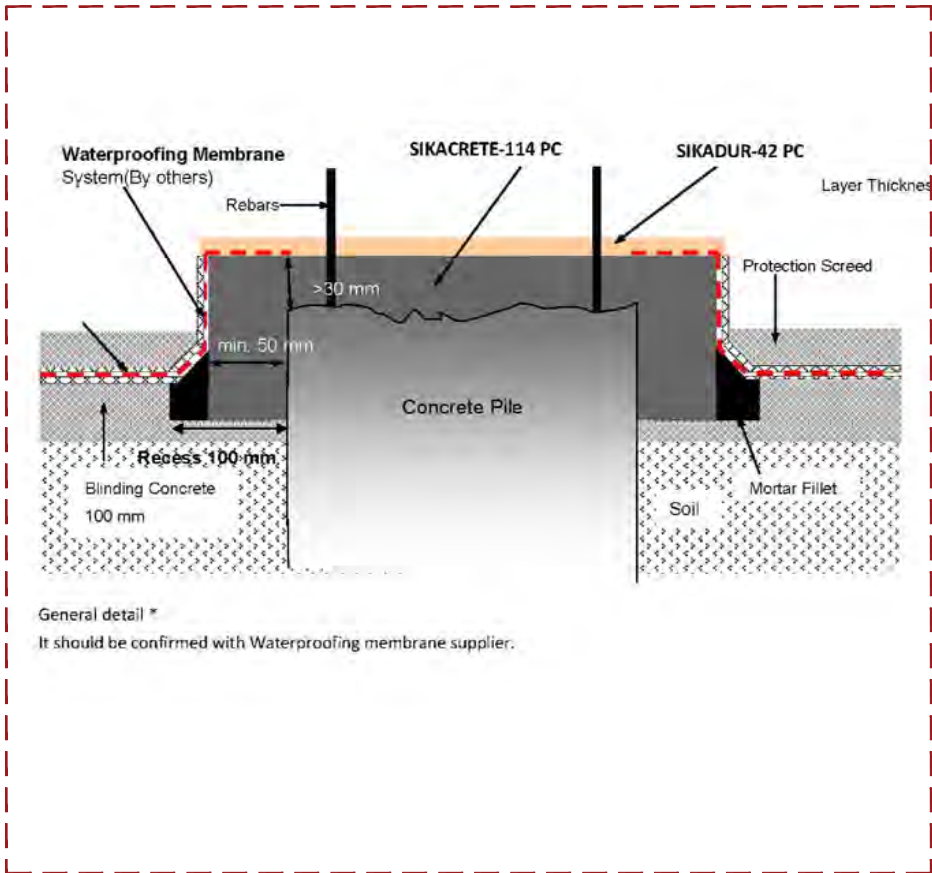
NOTE*

- ADMIXTURE (TYPE -A.SIKA MINT NM 2ND GENERATION) TO ADD WHILE POURING VIA MACHINE.
- ADD SILICATE- BASE (SIKA -01) WHILE POURING VIA MACHINE.
- (SIKA-VISCOMATE 3355) TO ADD IN READY MIX CONCRETE.

PART SECTION D



DETAIL



REFERENCE

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

**PLOT NO
69-C,National Highway, PH.II**

TITLE

BESEMENT FLOOR SECTION

SCALE

3/16"= 1'-0"

DATE

Mar '25

DWG. NO.

A-07

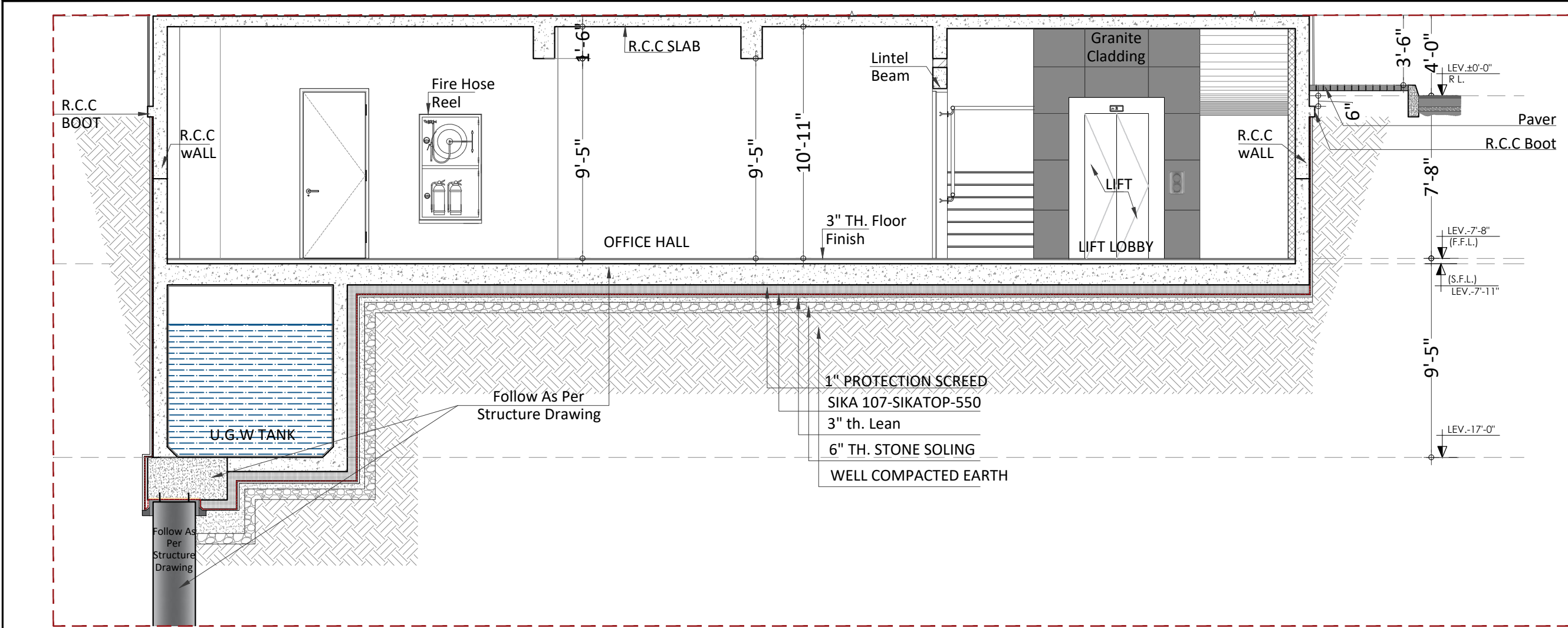
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11

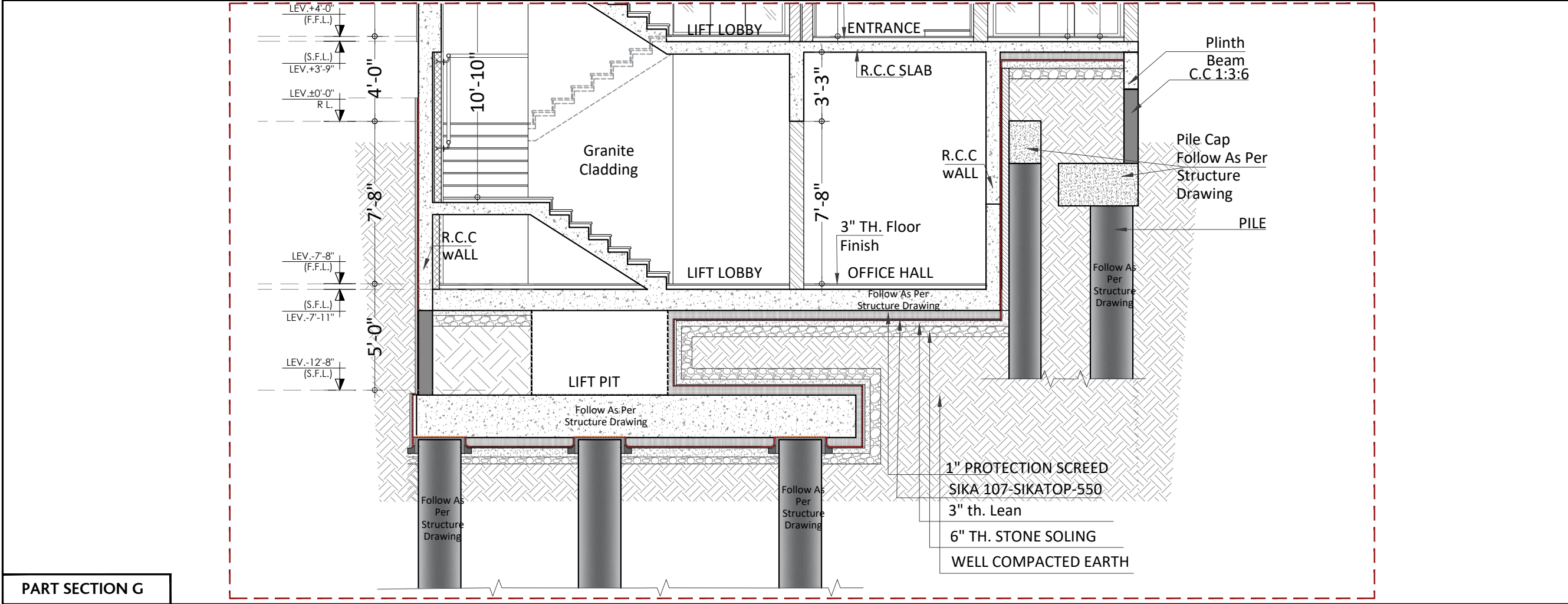
of

17

REV.



PART SECTION F



PART SECTION G

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS


COLLABORATIVE
DESIGN

STRUCTURE CONSULTANT'S

Engineer: ARIF & ASSOCIATES
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL, KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

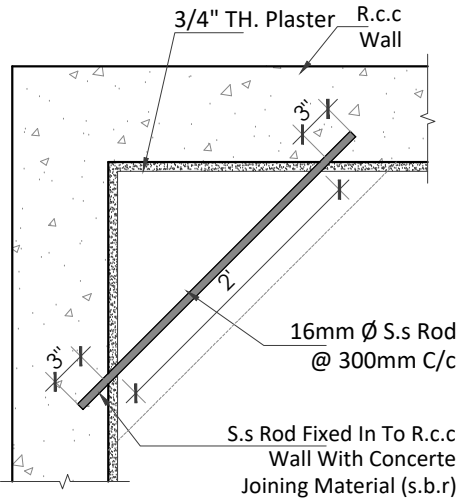
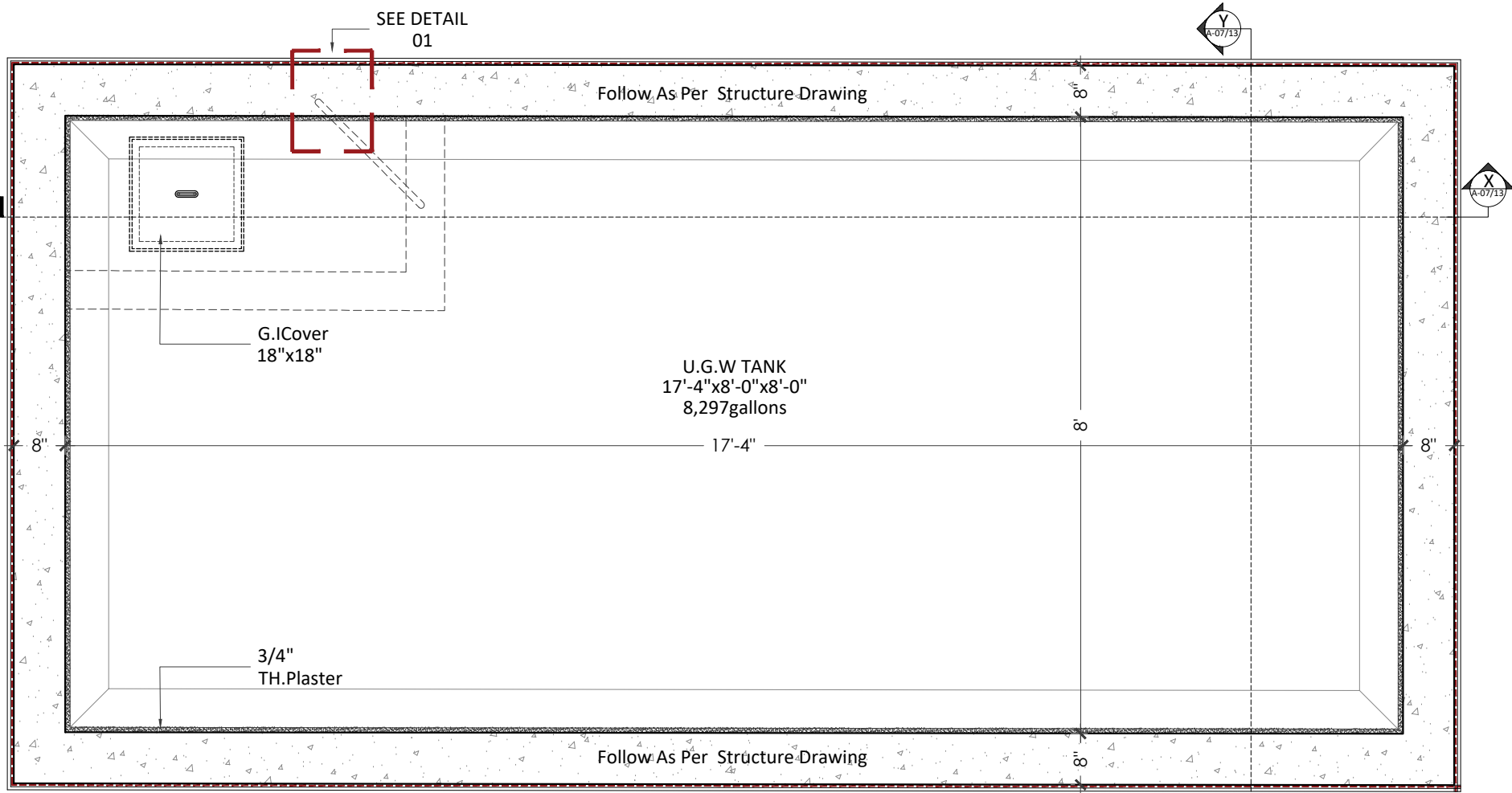
HVAC AND PLUMBING CONSULTANTS


FND
FAHIM, NANJI & DESOUZA
Consulting Engineers
HVAC, Plumbing, Mechanical
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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE
CLIENT		
HABIB BANK LIMITED		
Address		
PLOT NO 69-C,National Highway, PH.II		
TITLE		
BESEMENT FLOOR SECTION		
SCALE		DATE
3/16"= 1'-0"		Mar '25
DWG. NO.	A-07	SHEET 12 of 17
		REV.



PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

STRUCTURE CONSULTANT'S

Engineer: ARIF & ASSOCIATES
CONSULTANTS
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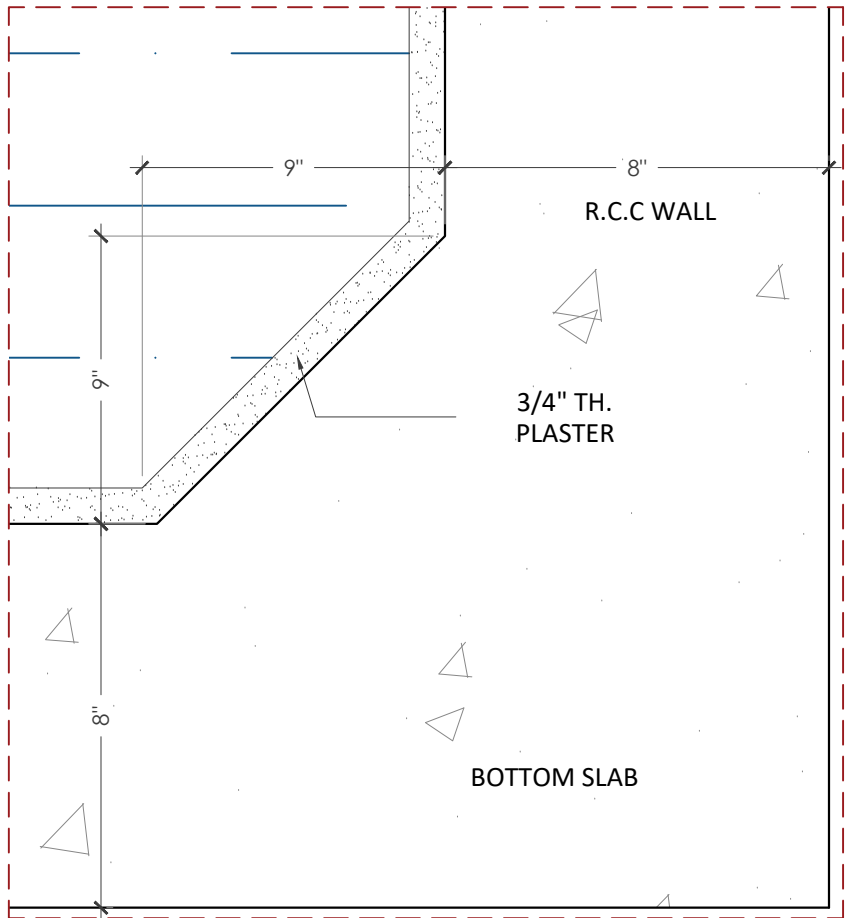
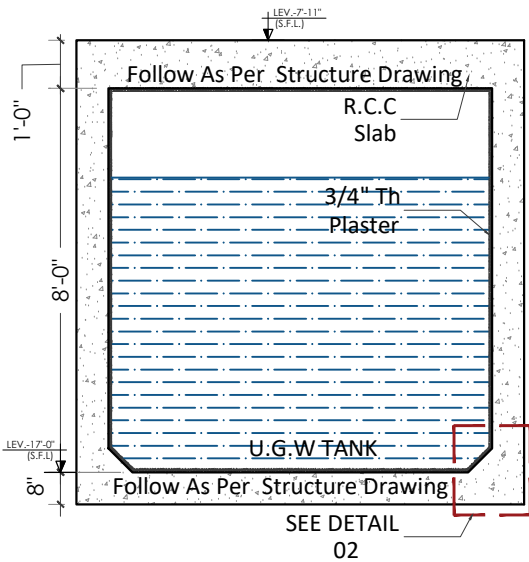
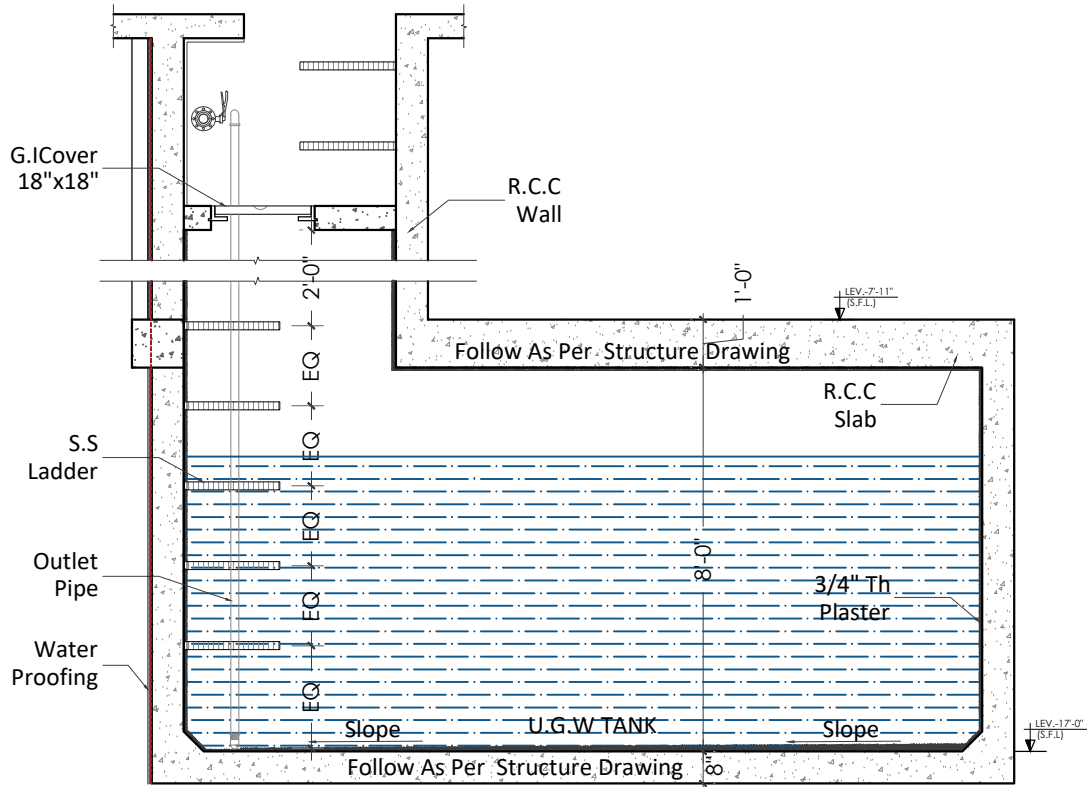
* ALL ERROR EMISSION TO BE REPORTED TO THE ARCHITECT DURING EXCECUITON WORK

U.G.W TANK PLAN

1/2"-1'-0"

DETAIL 01

3/4"-1'-0"



SECTION X

1/4"-1'-0"

SECTION Y

1/4"-1'-0"

DETAIL 02

3"-1'-0"

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE
CLIENT		
HABIB BANK LIMITED		
Address		
PLOT NO 69-C,National Highway, PH.II		
TITLE		
U.G.W TANK DETAIL		
SCALE		DATE
AS SHOWN		Mar '25
DWG. NO.	A-07	SHEET 13 of 17
		REV.

HL, AT 69-C,National Highway,KARACHI

FIRST FLOOR CONSTRUCTION DRAWINGS

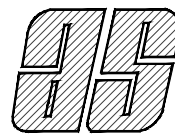
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



3rd Floor : Marine Pride, Block -7, Khyaban-e-Iqbal, Clifton, Karachi-75600, Pakistan
Telephone: (92-21) 5878579 (92-21) 5878580, (92-21) 5870743 Facsimile: (92-21) 5878581
E-mail: cdesign@collaborativedesign.com.pk Website: www.collaborativedesign.com.pk

STRUCTURAL CONSULTANTS

Engineer:



ARIF & ASSOCIATES
CONSULTANTS

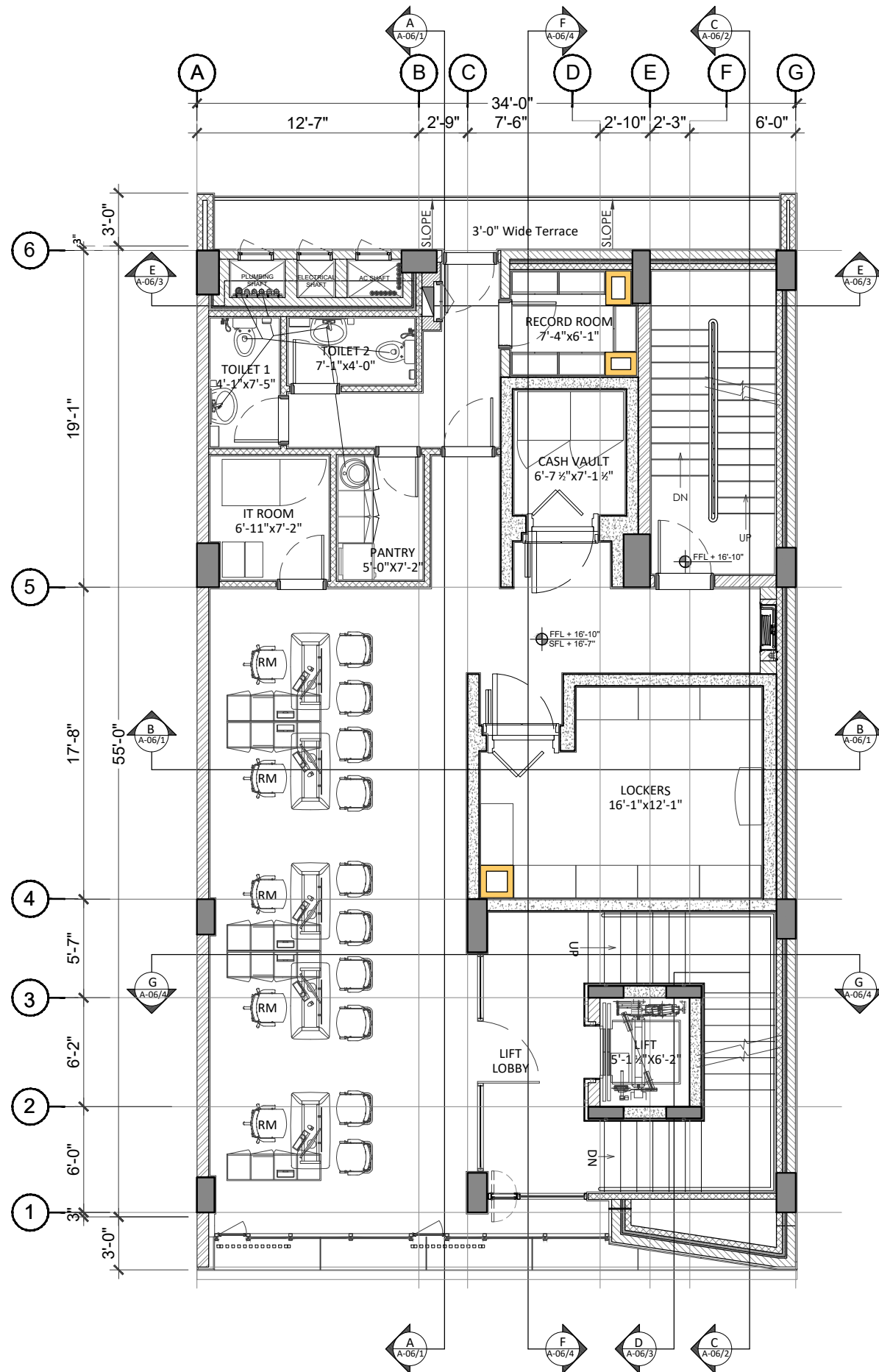
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL KARACHI.
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H.V.A.C. AND PLUMBING CONSULTANTS



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Consulting Engineers

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PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

ARIF & ASSOCIATES

C. 84, Block 8 Gulshan-e-Iqbal, Karachi, Karachi City, Sindh 75300

HVAC AND PLUMBING CONSULTANTS



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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

1st MAKING PLAN

SCALE

1/8"= 1'-0"

DATE

Mar '25

DWG. NO.

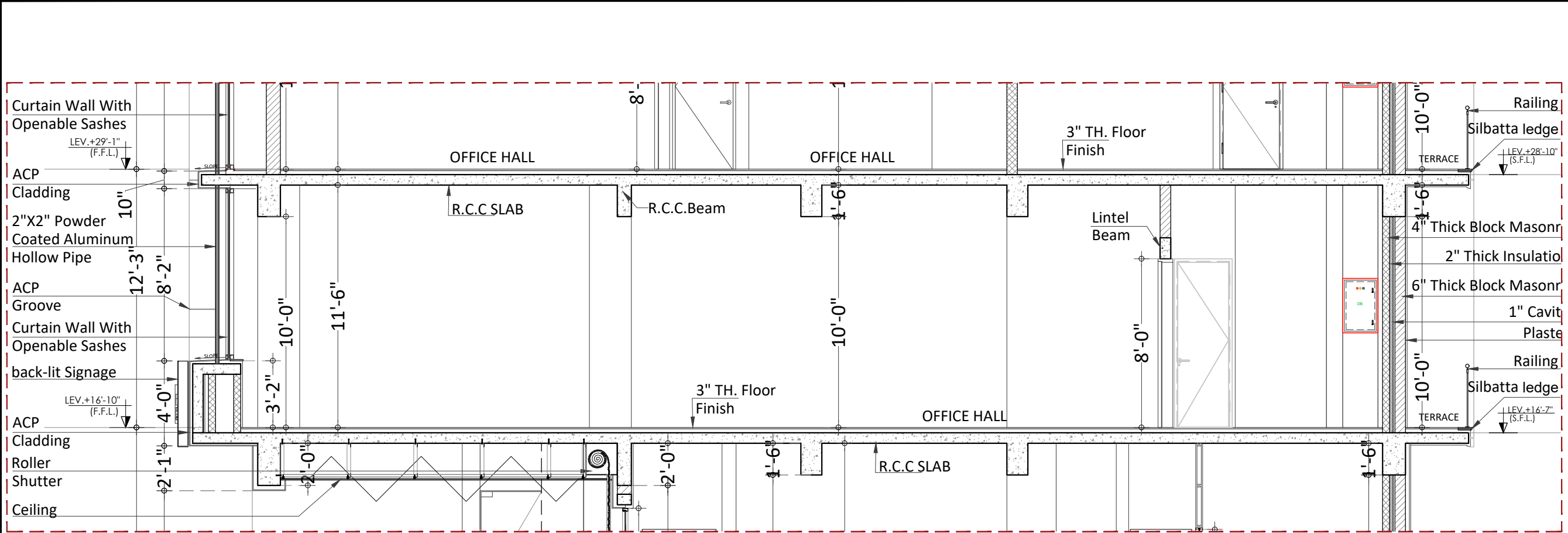
A-05c

SHEET

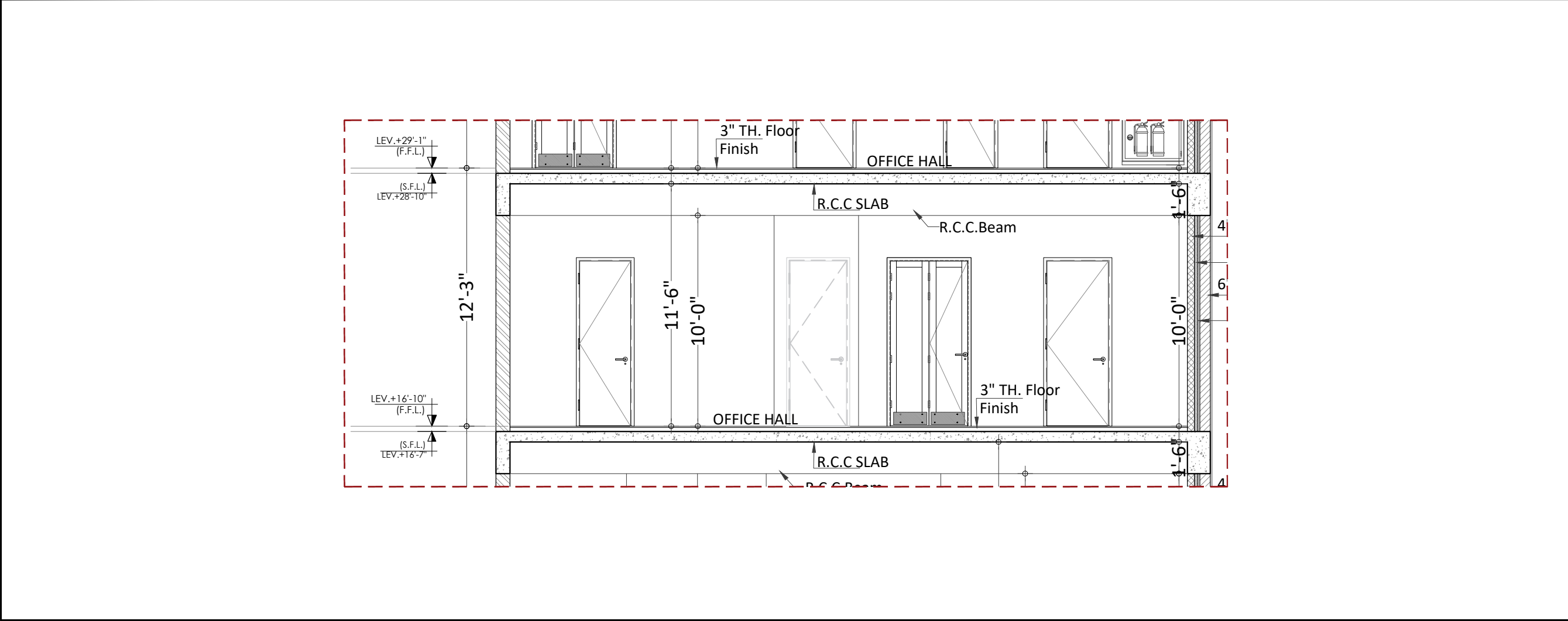
REV.

1
of
4

MAKING PLAN

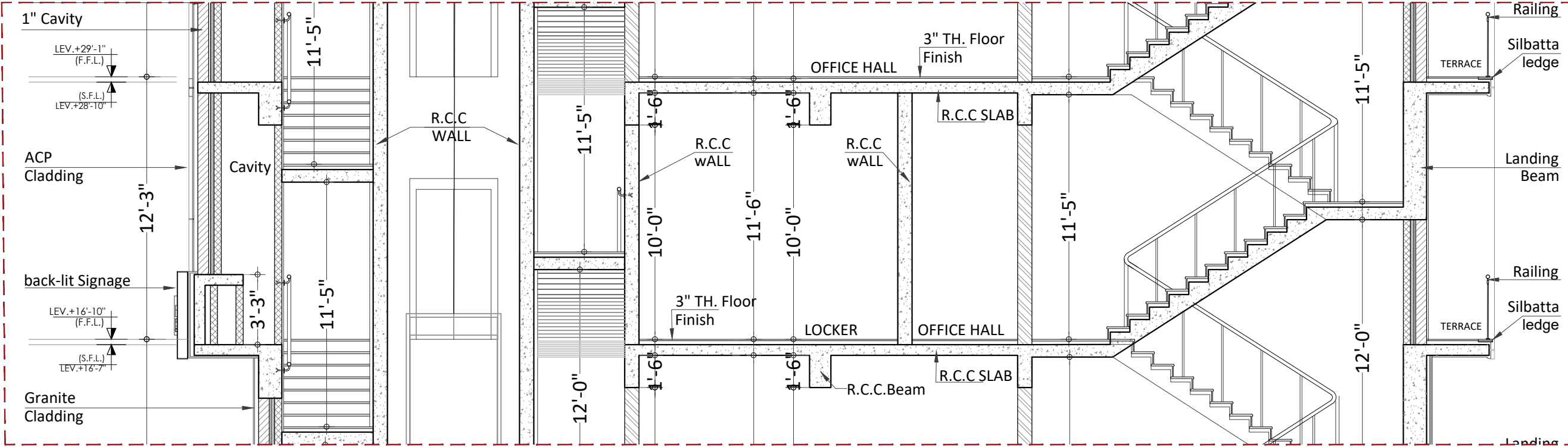


SECTION A

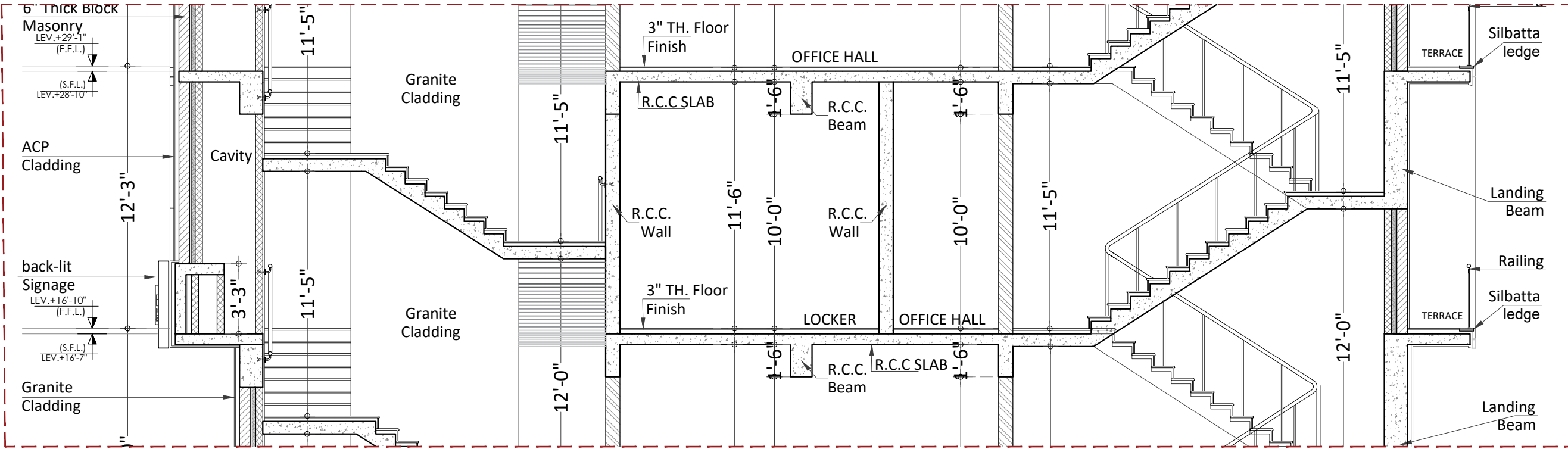


SECTION B

PROJECT		
HBL 69-C,National Highway, PH.II		
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS		
		
STRUCTURE CONSULTANT'S		
ARIF & ASSOCIATES C. 84, Block 8 Gulshan-e-Iqbal, Karachi, Karachi City, Sindh 75300		
HVAC AND PLUMBING CONSULTANTS		
 FAHIM, NANJI & DESOUZA Consulting Engineers HVAC, Plumbing, Mechanical 10, ILACO House, Abdullah Haroon Road, Karachi-74400 Pakistan Ph: (92-21) 563-7878-82 Fax: (92-21) 521-1634 Email: fahimnaji@cyber.net.pk		
NOTE: * ALL DIMENSIONS ARE IN FEET (') AND INCHES (")		
01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE
CLIENT		
HABIB BANK LIMITED		
Address		
PLOT NO 69-C,National Highway, PH.II		
TITLE		
1st FLOOR SECTION		
SCALE		DATE
1/8"= 1'-0"		Mar '25
DWG. NO.	A-05c	SHEET 2 of 4
		REV.



SECTION C



SECTION D

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS


COLLABORATIVE
DESIGN

STRUCTURE CONSULTANT'S

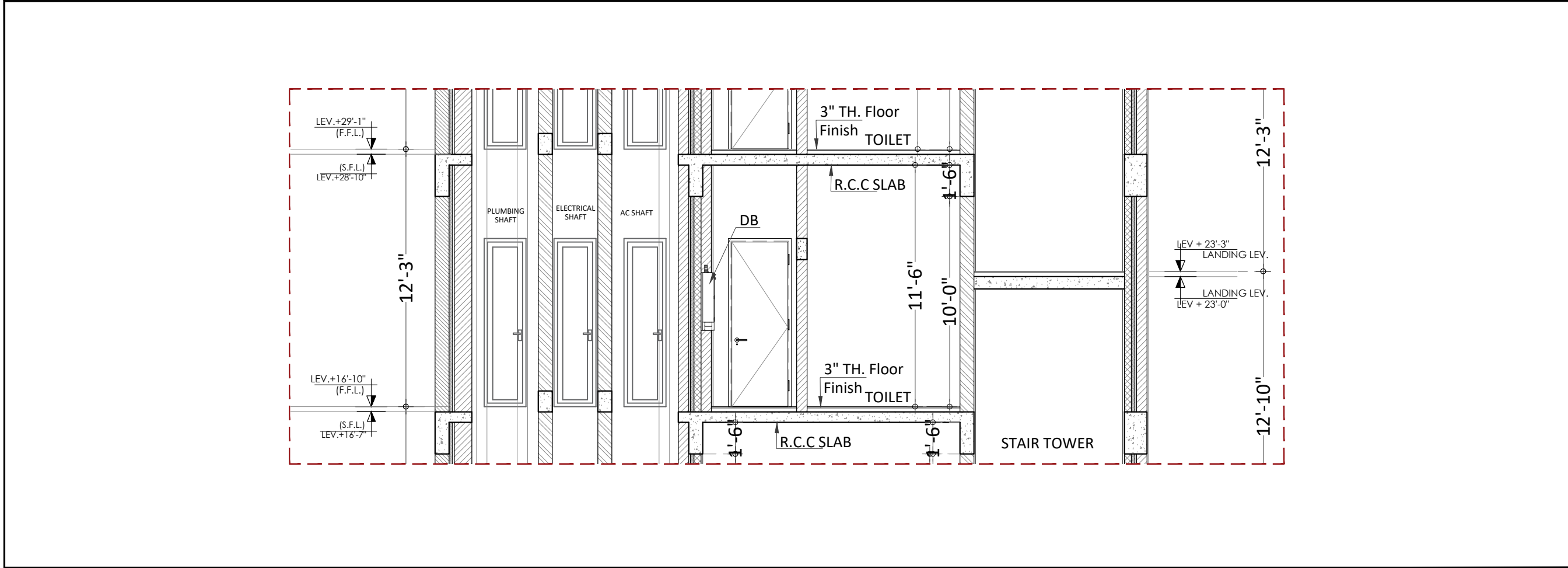
ARIF & ASSOCIATES
C. 84, Block 8 Gulshan-e-Iqbal, Karachi, Karachi City, Sindh 75300

HVAC AND PLUMBING CONSULTANTS

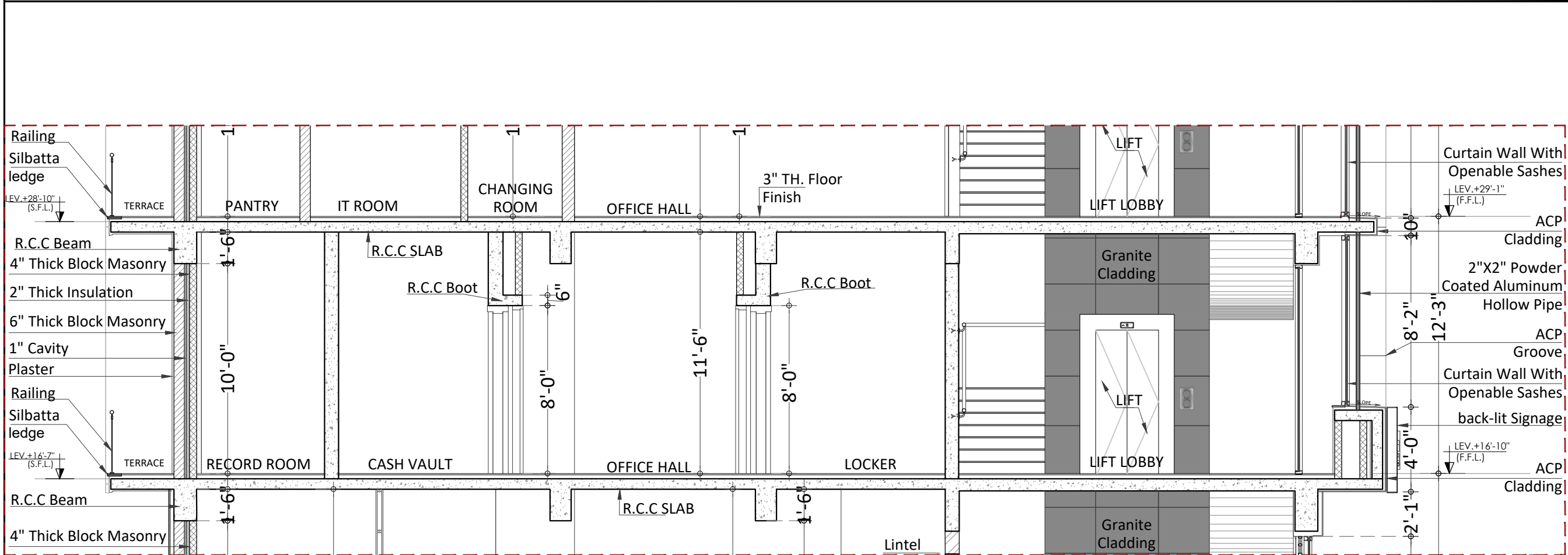

FND
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NO.	REVISION/ISSUE	DATE
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HABIB BANK LIMITED		
Address		
PLOT NO 69-C,National Highway, PH.II		
TITLE		
SCALE		DATE
1/8"= 1'-0"		Mar '25
DWG. NO.	A-05c	SHEET 3 of 4
		REV.



SECTION E



SECTION F

PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
ARIF & ASSOCIATES C. 84, Block 8 Gulshan-e-Iqbal, Karachi, Karachi City, Sindh 75300			
HVAC AND PLUMBING CONSULTANTS			
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NO.	REVISION/ISSUE	DATE	
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.II			
TITLE			
SCALE		DATE	
1/8"= 1'-0"		Mar '25	
DWG. NO.	A-05c	SHEET	REV.
		4 of 4	

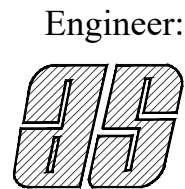
HL, AT 69-C,National Highway,KARACHI ROOF BLOWNUP DRAWINGS

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



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E-mail: cdesign@collaborativedesign.com.pk Website: www.collaborativedesign.com.pk

STRUCTURAL CONSULTANTS



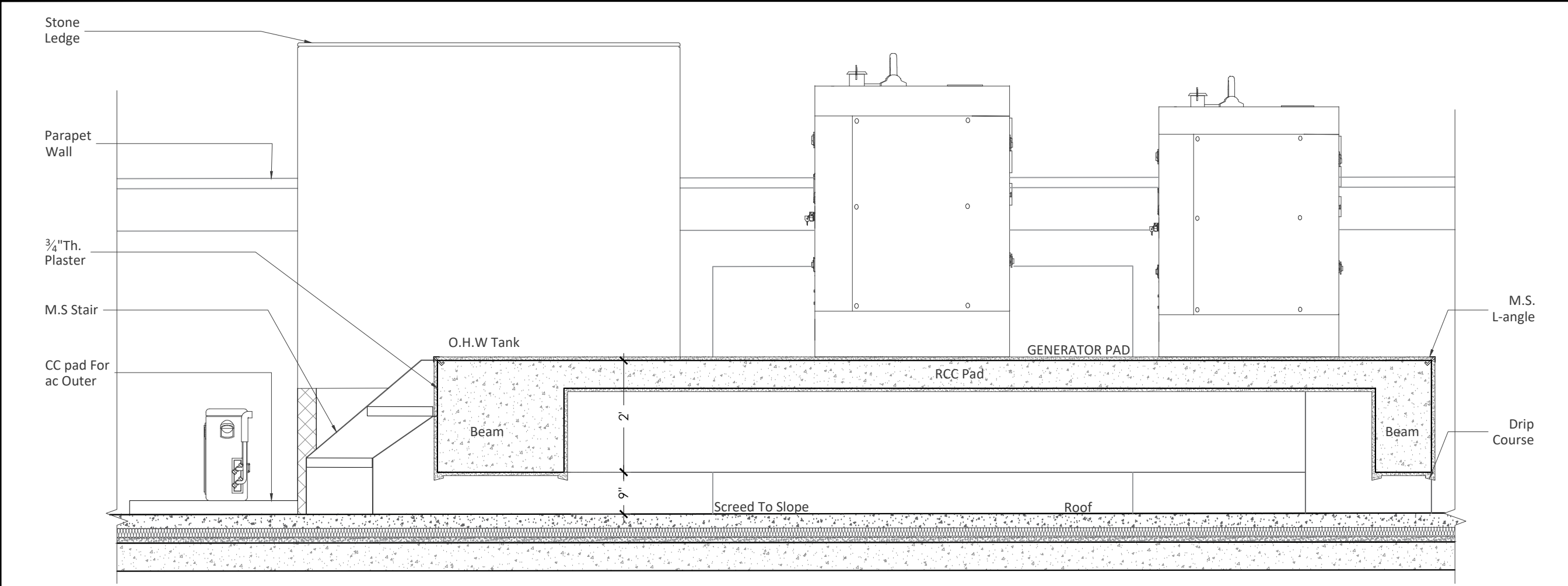
Engineer:

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CONSULTANTS
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GULSHAN - E - IQBAL KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

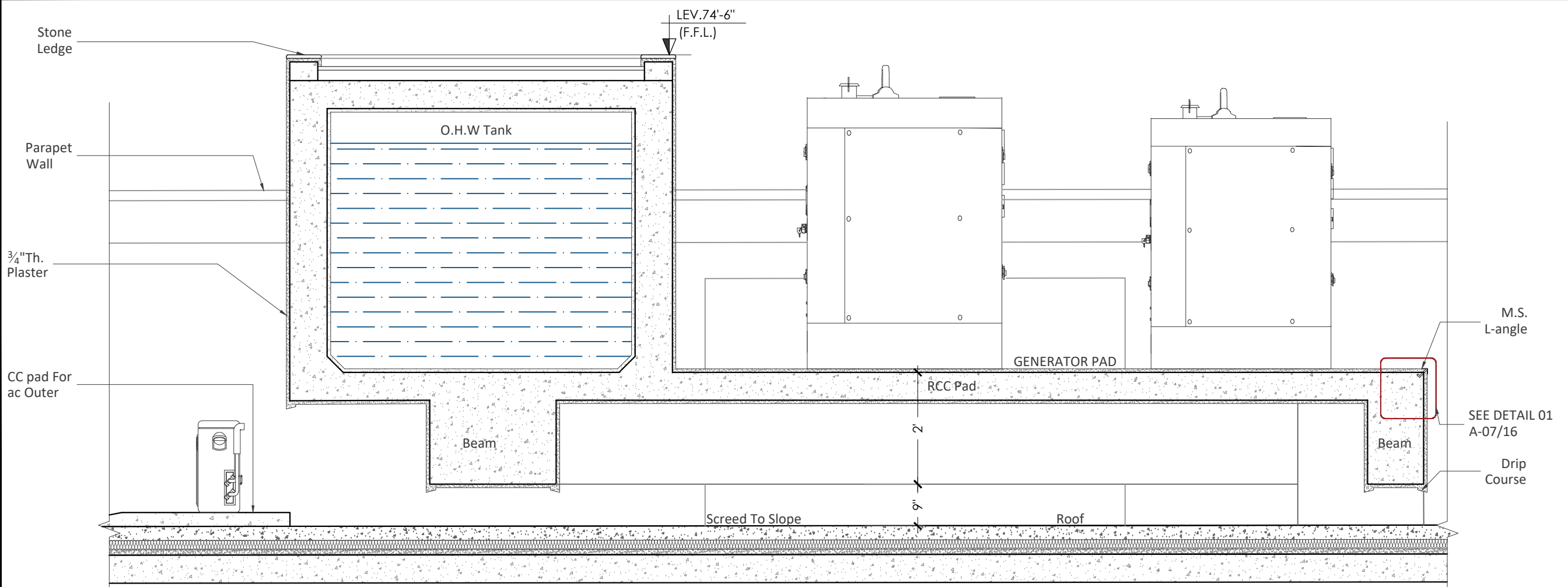
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Pakistan.
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Fax: (92-21) 521-1634
Email: fahimfnd@cyber.net.pk



SECTION 5 1/2"= 1'-0"



SECTION 6 1/2"= 1'-0"

PROJECT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

STRUCTURE CONSULTANT'S

Engineer: ARIF & ASSOCIATES CONSULTANTS
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Fax: (92-21) 521-1634
Email: fahimnandj@cyber.net.pk

NOTE:

* ALL DIMENSIONS ARE IN FEET (') AND INCHES (")

* ALL ERROR EMISSION TO BE REPORTED TO THE ARCHITECT DURING EXCECUITON WORK

01	ISSUE FOR Construction	21-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

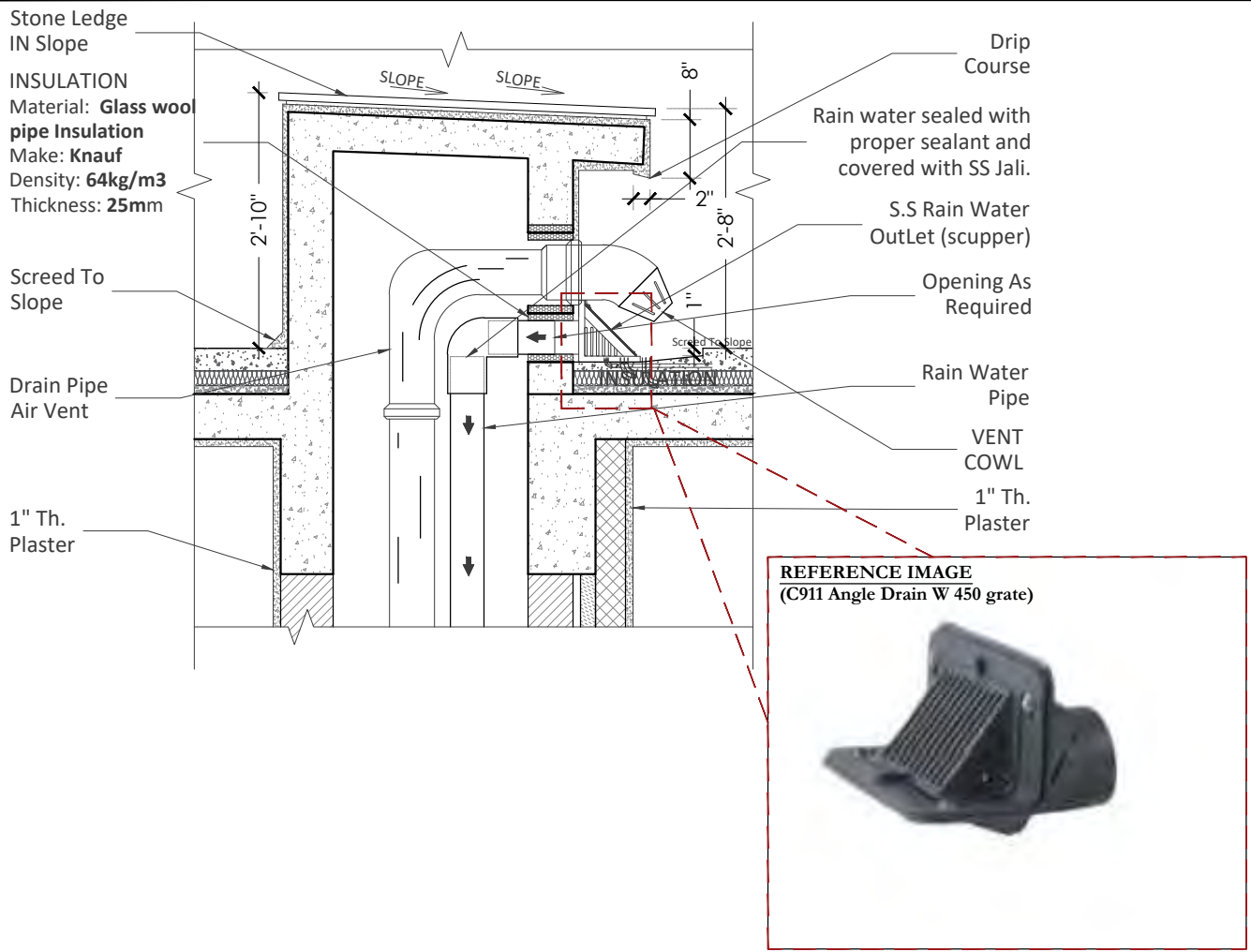
PLOT NO
69-C,National Highway, PH.II

TITLE

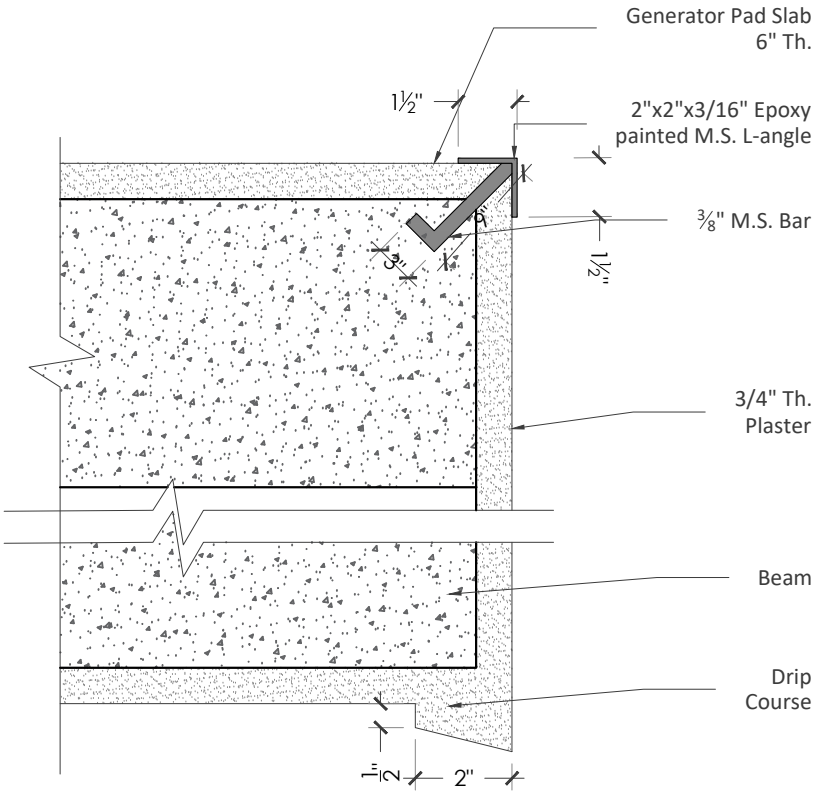
ROOF BLOWN DETAILS

SCALE	DATE
1/2"= 1'-0"	Mar '25

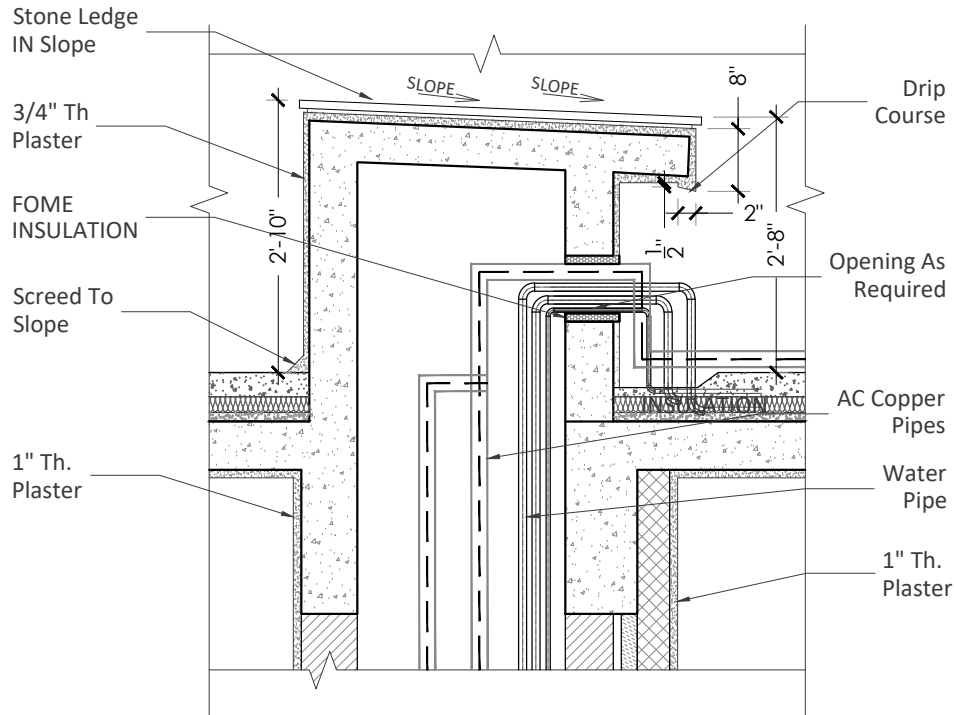
DWG. NO.	A-07	SHEET 15 of 17	REV.
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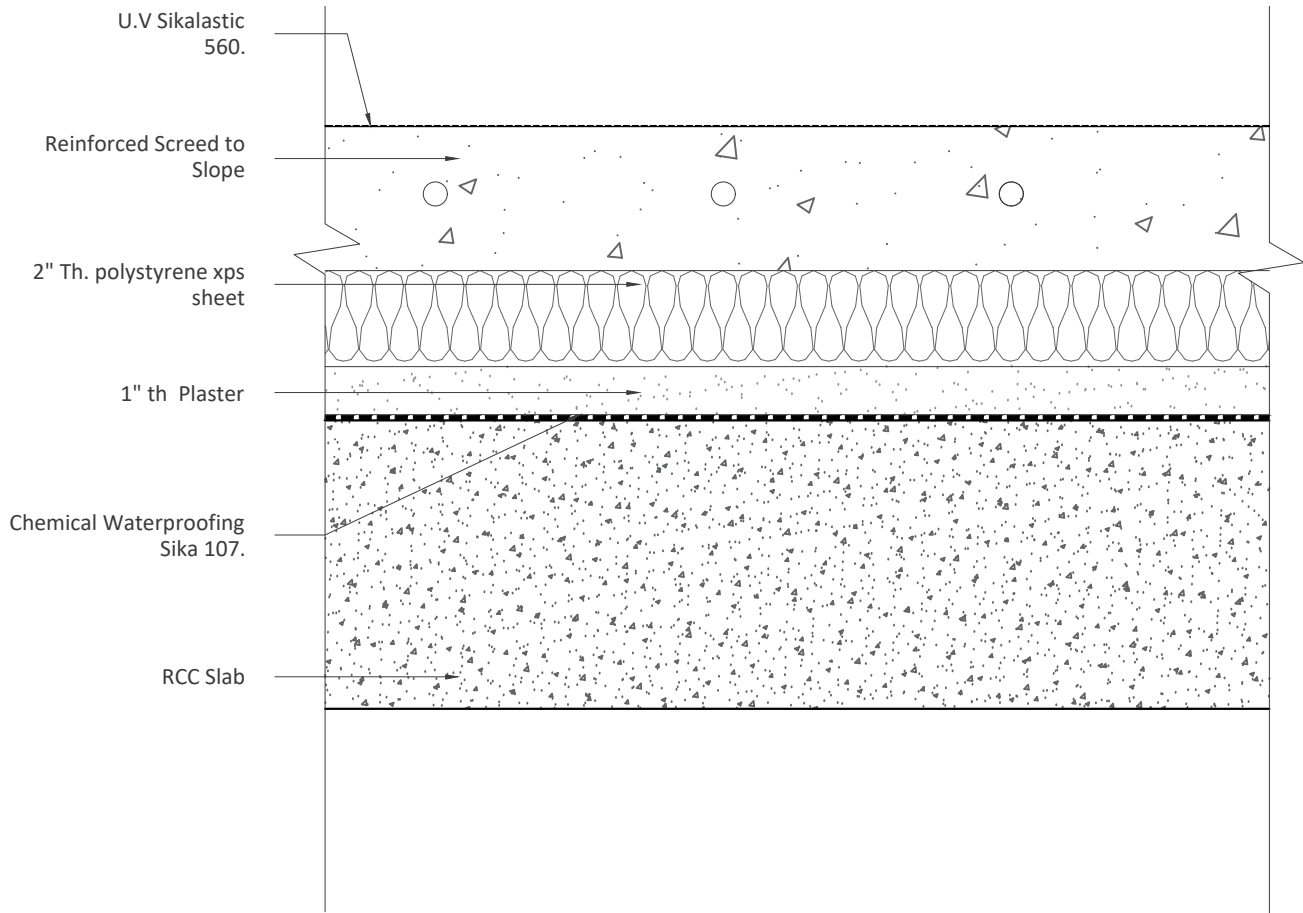
SECTION 7 1/2"= 1'-0"



DETAIL 01 3"= 1'-0"



SECTION 8 1/2"= 1'-0"



ROOF INSULATION 3"= 1'-0"

PROJECT

HBL
**69-C,National
Highway, PH.II**

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

CD
**COLLABORATIVE
DESIGN**

STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

HVAC AND PLUMBING CONSULTANTS

FND
FAHIM, NANJI & DESOUZA
Consulting Engineers
HVAC, Plumbing, Mechanical
10, ILACO House, Abdullah Haroon Road, Karachi-74400
Pakistan
Ph: (92-21) 563-7878-82
Fax: (92-21) 521-1634
Email: fahimnanji@cyber.net.pk

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01	ISSUE FOR Construction	21-3-25
NO.	REVISION/ISSUE	DATE
CLIENT		
HABIB BANK LIMITED		
Address		
PLOT NO 69-C,National Highway, PH.II		
TITLE		
ROOF BLOWN DETAILS		
SCALE		DATE
AS SHOWN		Mar '25
DWG. NO.	A-07	SHEET 16 of 17
		REV.

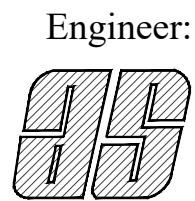
HL, AT 69-C,National Highway,KARACHI (SERVICE PACKAGE)

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



3rd Floor : Marine Pride, Block -7, Khyaban-e-Iqbal, Clifton, Karachi-75600, Pakistan
Telephone: (92-21) 5878579 (92-21) 5878580, (92-21) 5870743 Facsimile: (92-21) 5878581
E-mail: cdesign@collaborativedesign.com.pk Website: www.collaborativedesign.com.pk

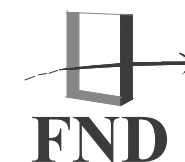
STRUCTURAL CONSULTANTS



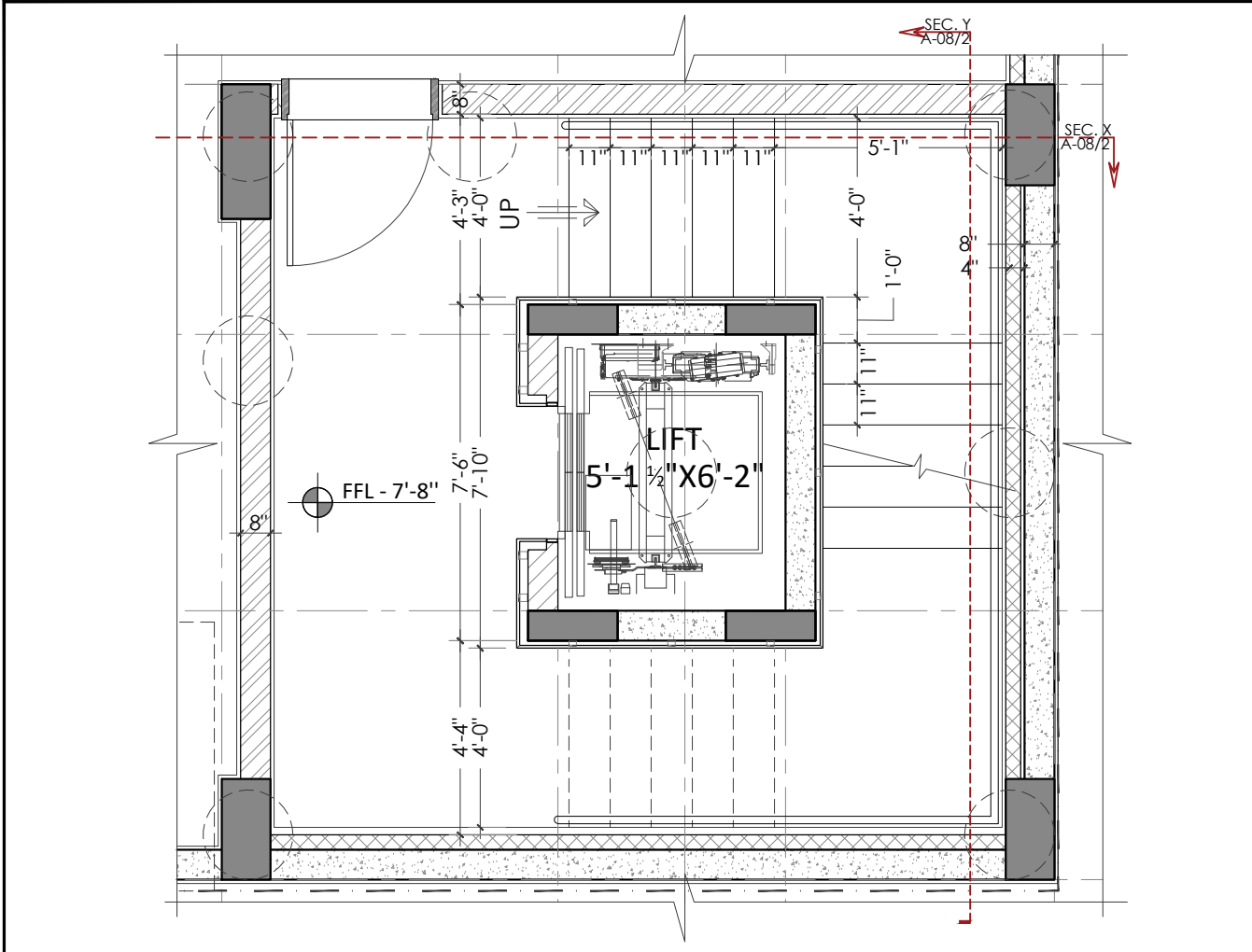
Engineer:

ARIF & ASSOCIATES
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

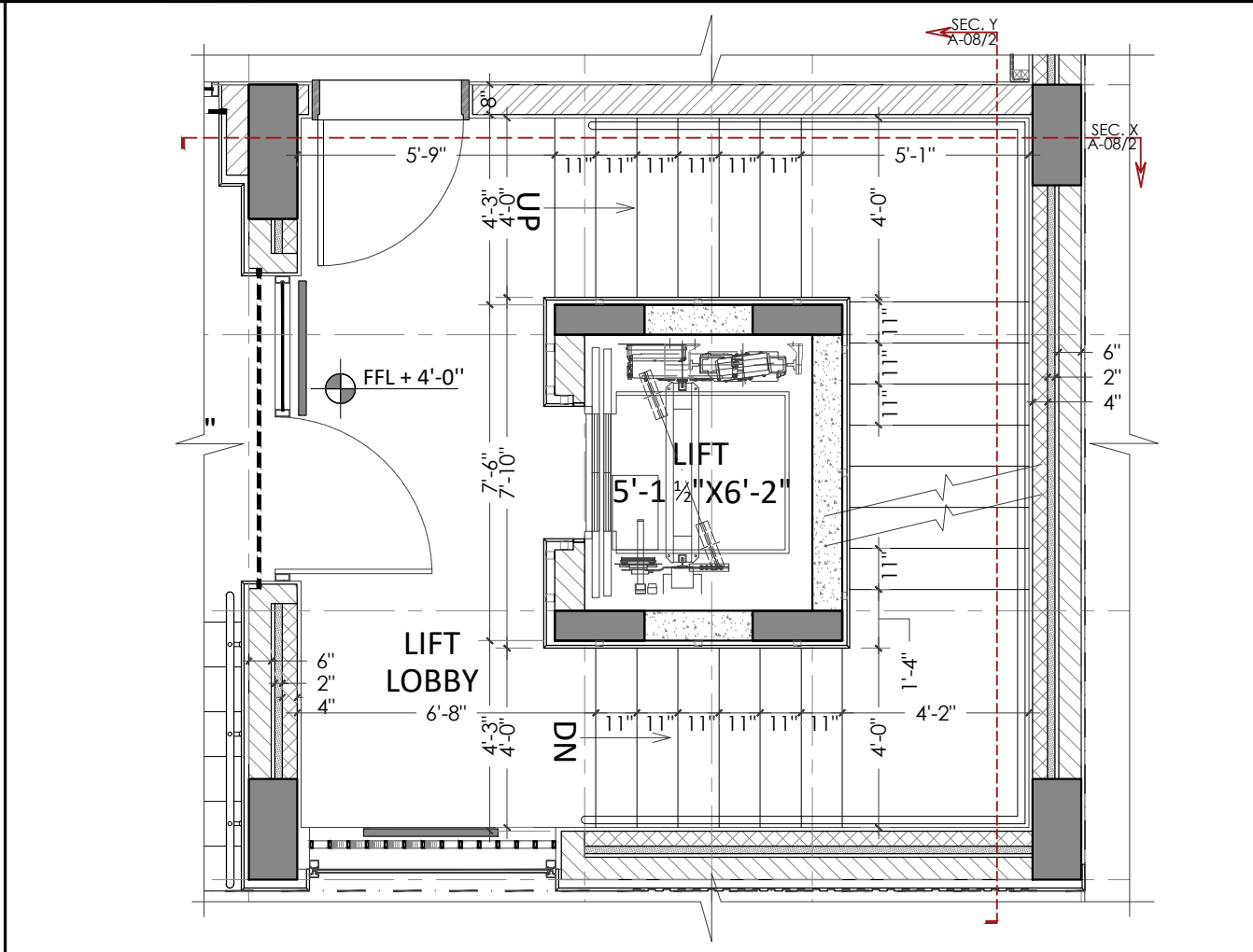
H.V.A.C. AND PLUMBING CONSULTANTS



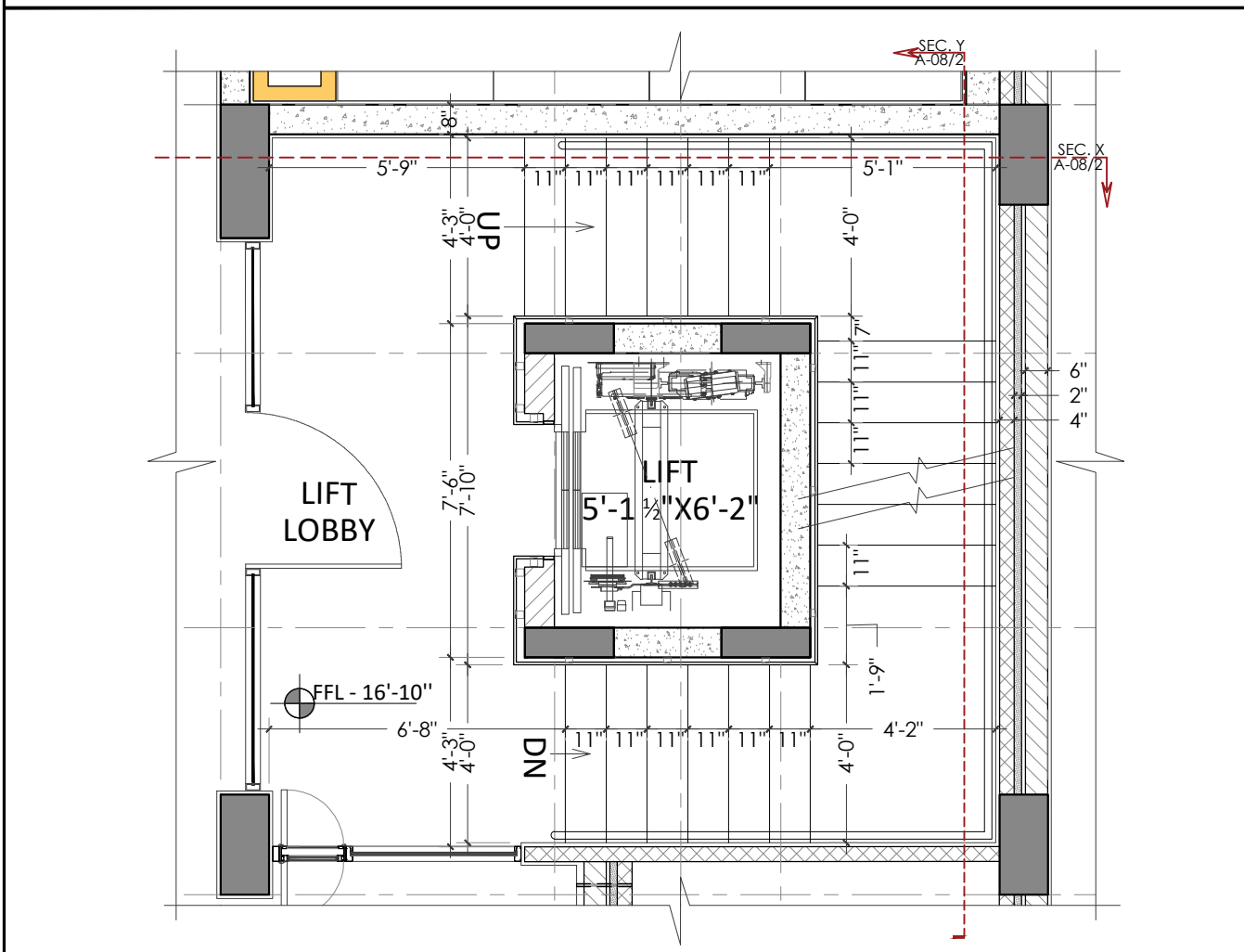
FAHIM, NANJI & DESOUZA
Consulting Engineers
HVAC, Plumbing, Mechanical
10, ILACO House, Abdullah Haroon Road, Karachi-74400
Pakistan.
Ph: (92-21) 563-7878-82
Fax: (92-21) 521-1634
Email: fahimfnd@cyber.net.pk



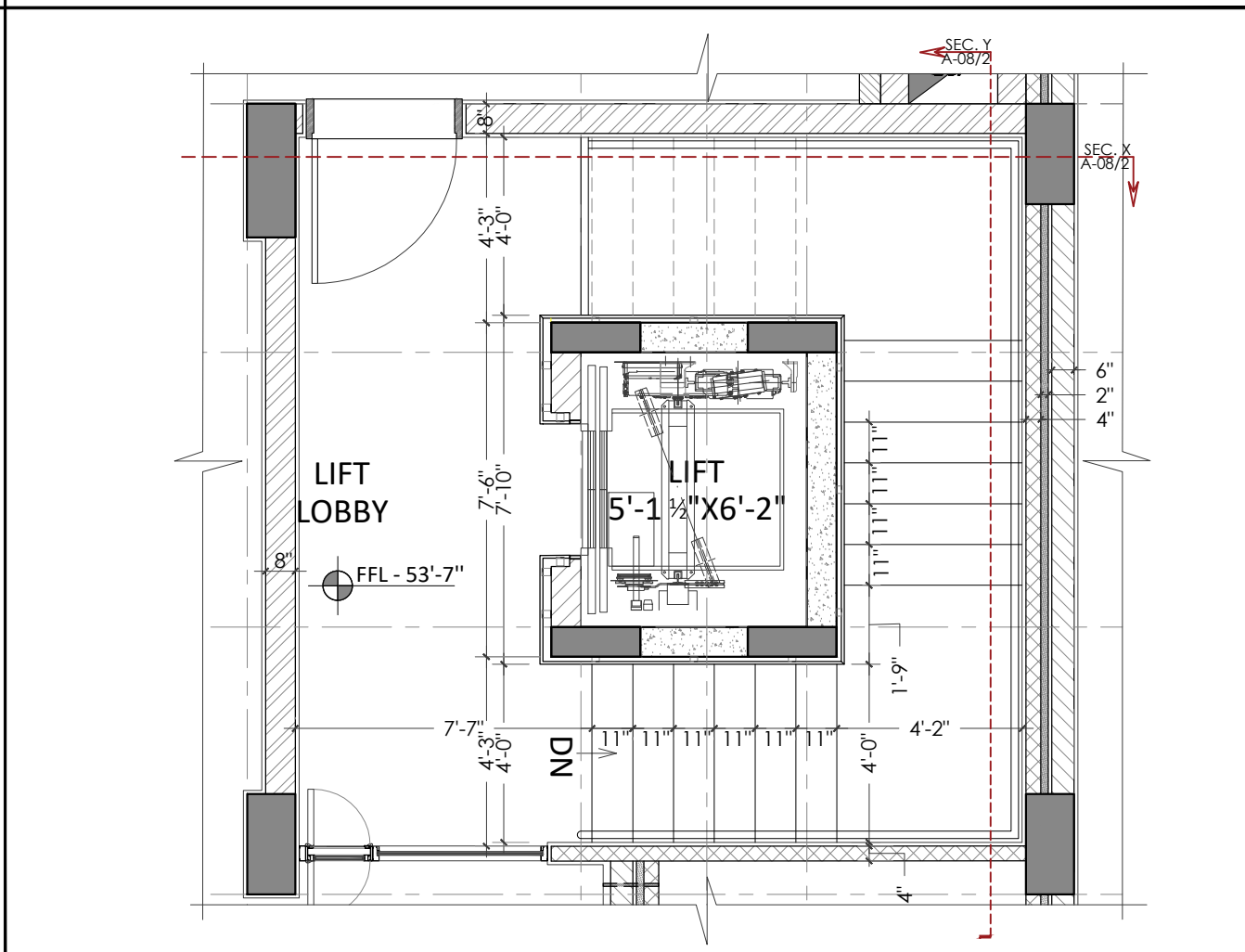
BASEMENT FLOOR



GROUND FLOOR



TYPICAL FLOOR



4TH FLOOR

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



COLLABORATIVE
DESIGN

STRUCTURE CONSULTANT'S

Engineer:



ARIF & ASSOCIATES
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL, KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

HVAC AND PLUMBING CONSULTANTS



FND

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NOTE:

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TO THE ARCHITECT DURING
EXCECUITON WORK

6" MASONRY WALL

8" MASONRY WALL

4" MASONRY WALL

R.C.C COLUMN

R.C.C WALL

CEMENT BOARD 4" THICK

2" INSULATION

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

STAIRCASE DETAIL

SCALE

1/4"= 1'-0"

DATE

Mar '25

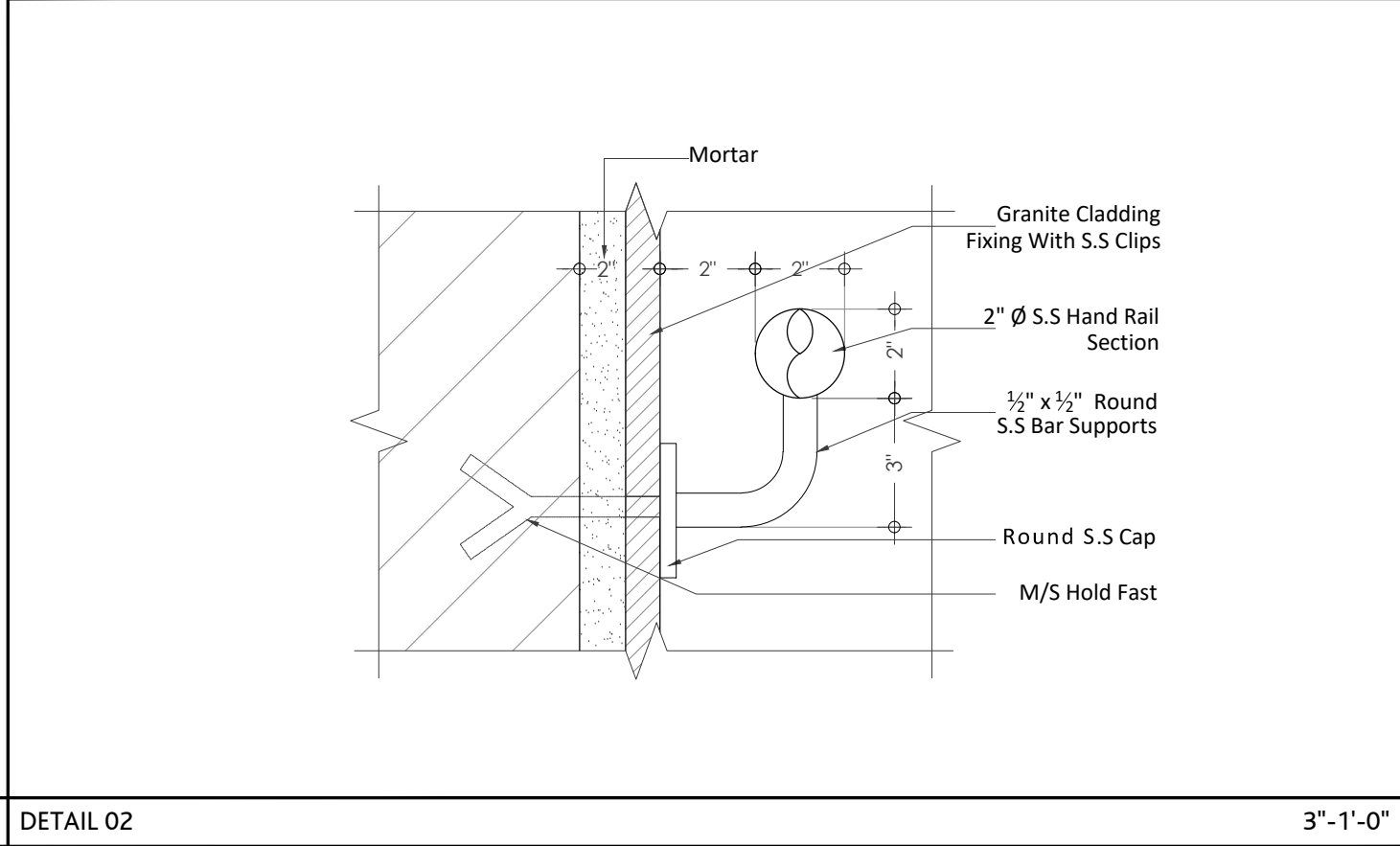
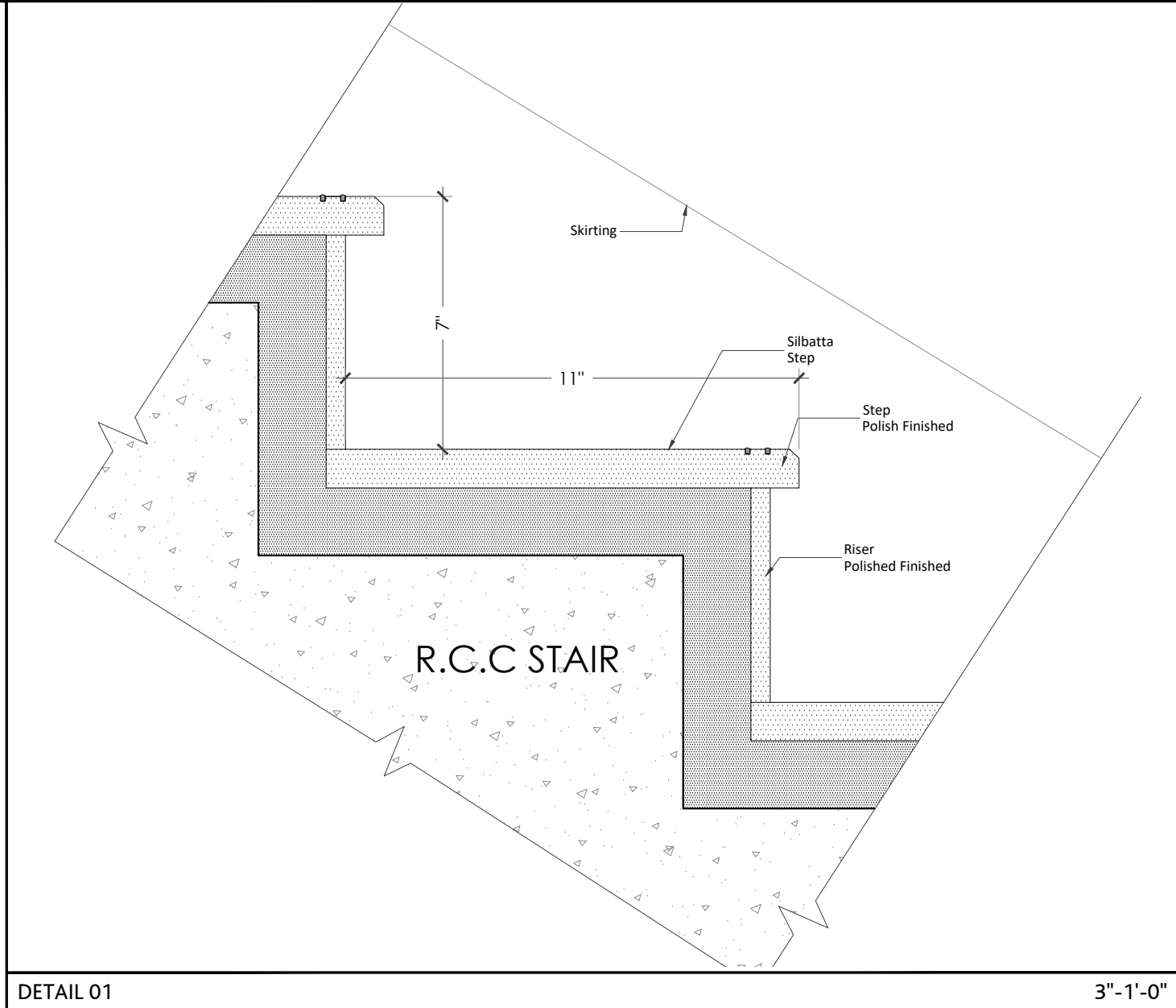
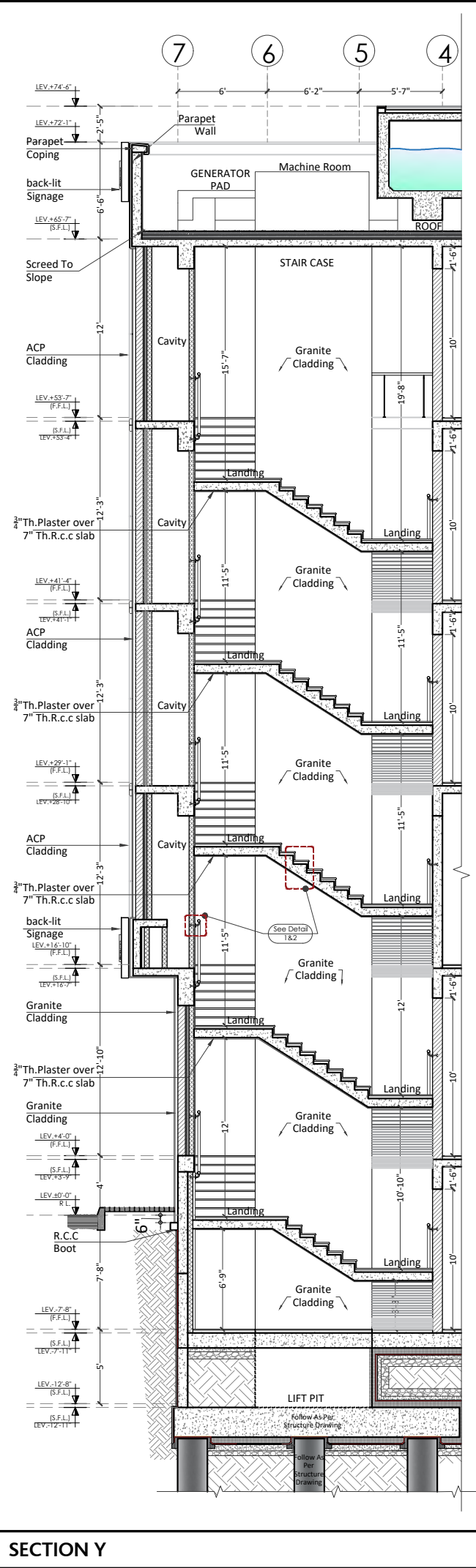
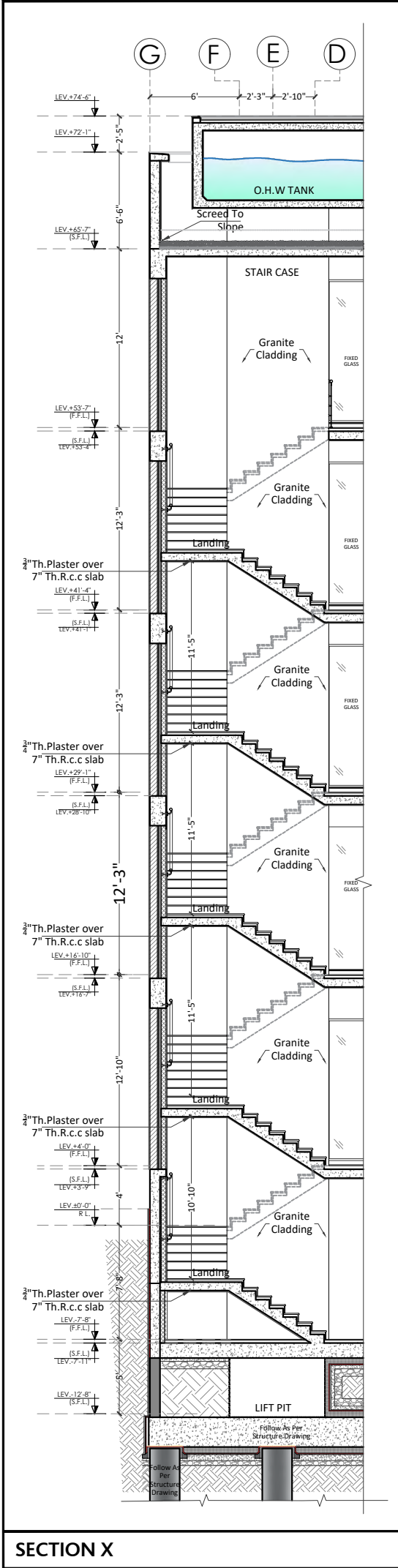
DWG. NO.

A-08

SHEET

1
of
7

REV.



PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer:  **ARIF & ASSOCIATES**
CONSULTANTS
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01	ISSUE FOR Construction	24-3-25
<u>NO.</u>	<u>REVISION/ISSUE</u>	<u>DATE</u>

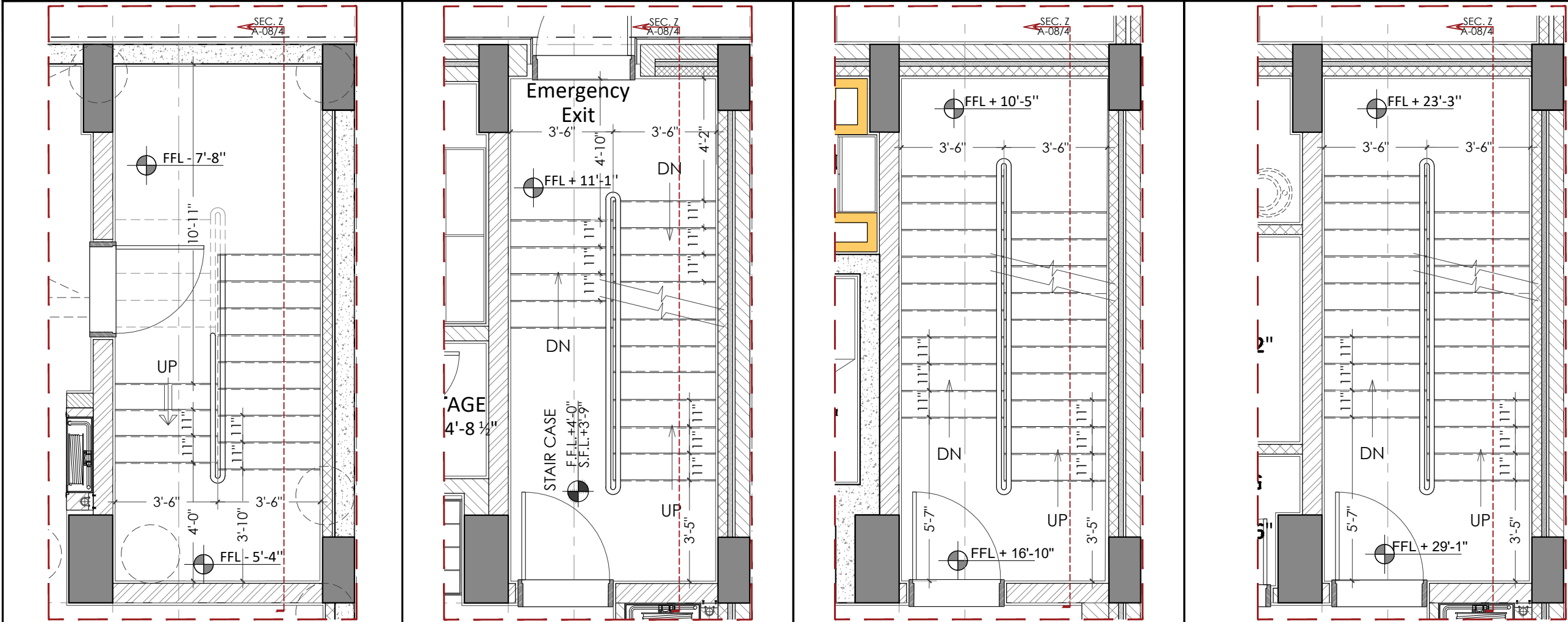
CLIENT
HABIB BANK LIMITED

Address
PLOT NO
69-C,National Highway, PH.II

TITLE
STAIRCASE DETAIL

<u>SCALE</u> AS SHOWN	<u>DATE</u> Mar '25
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DWG. NO.	A-08	<u>SHEET</u>	<u>REV.</u>
		2 of 7	

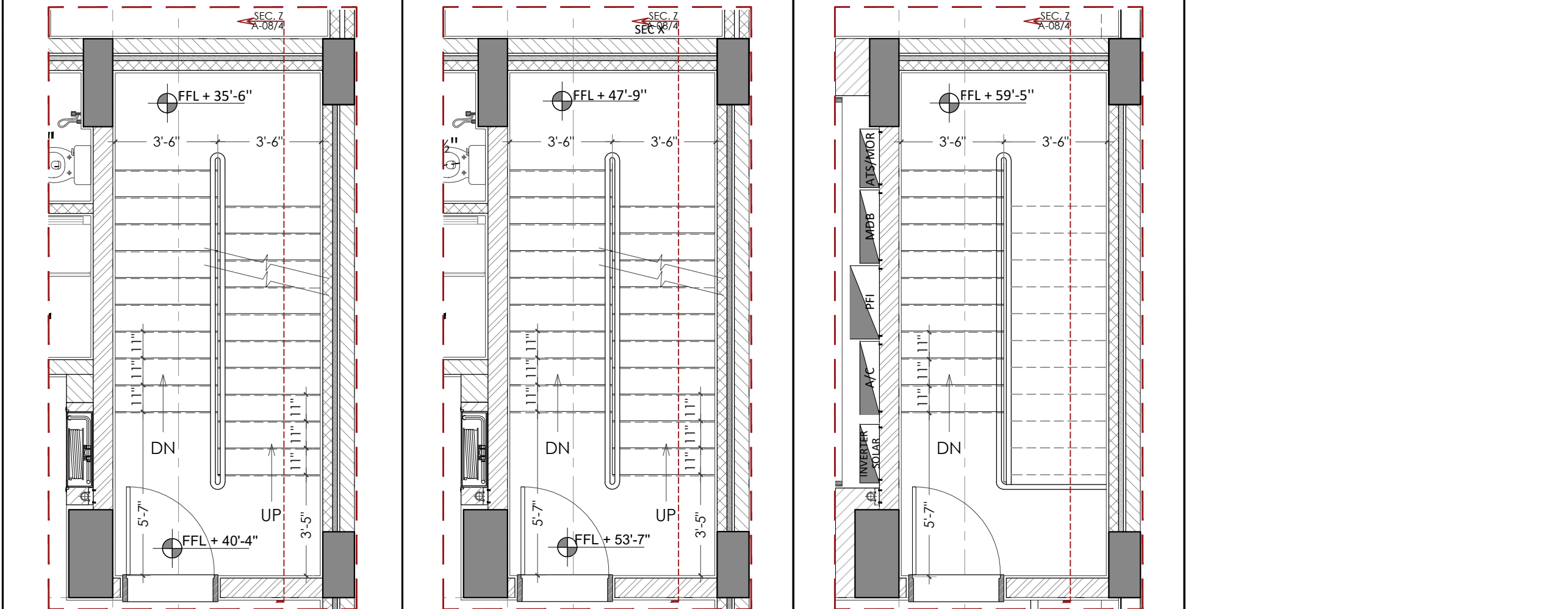


BASEMENT

GROUND FLOOR

1st FLOOR

2nd FLOOR



3rd FLOOR

4th FLOOR

ROOF

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS


COLLABORATIVE
DESIGN

STRUCTURE CONSULTANT'S

Engineer: ARIF & ASSOCIATES
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EXCECUITON WORK

- 6" MASONRY WALL
- 8" MASONRY WALL
- 4" MASONRY WALL
- R.C.C COLUMN
- R.C.C WALL
- CEMENT BOARD 4" THICK
- 2" INSULATION

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

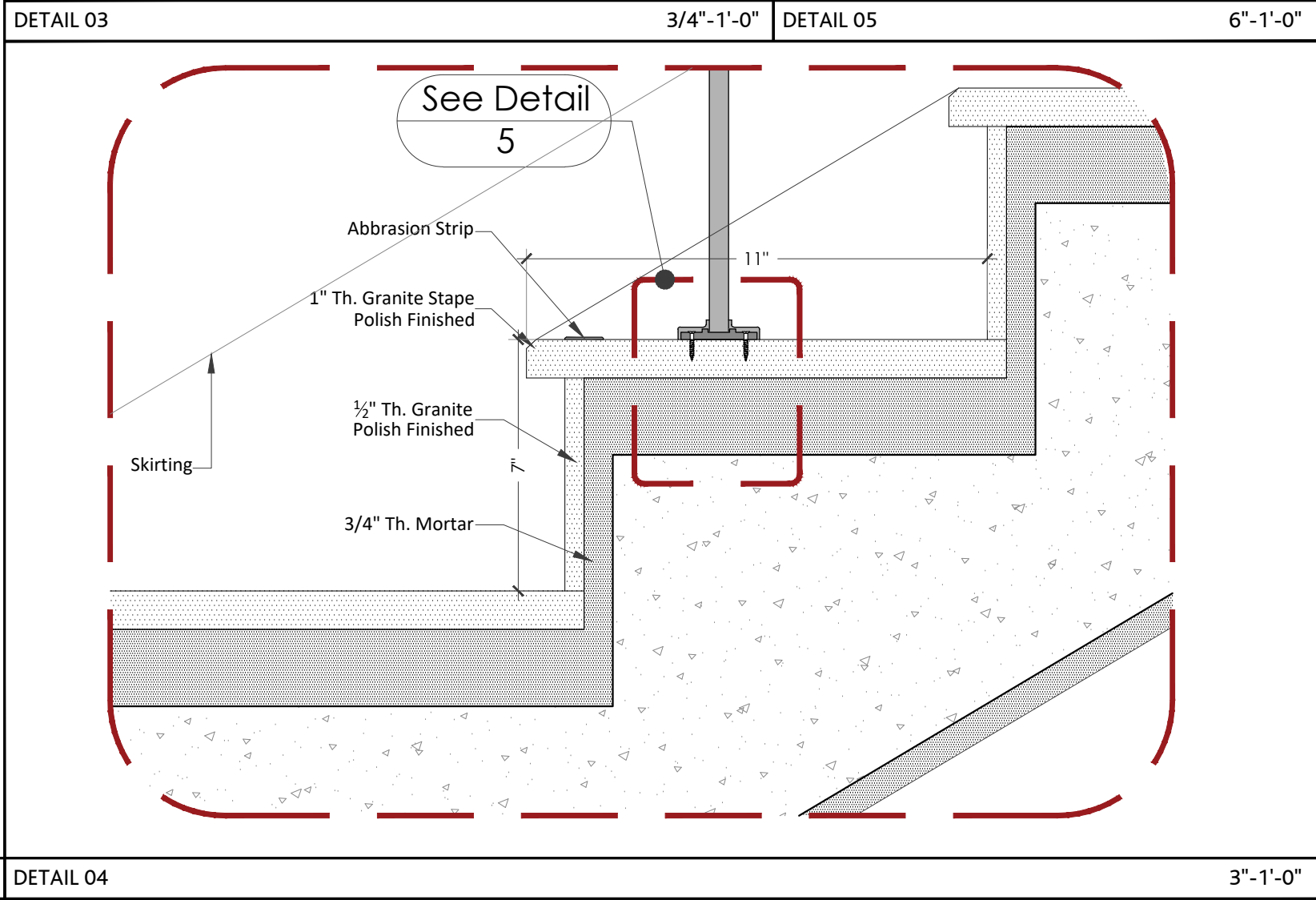
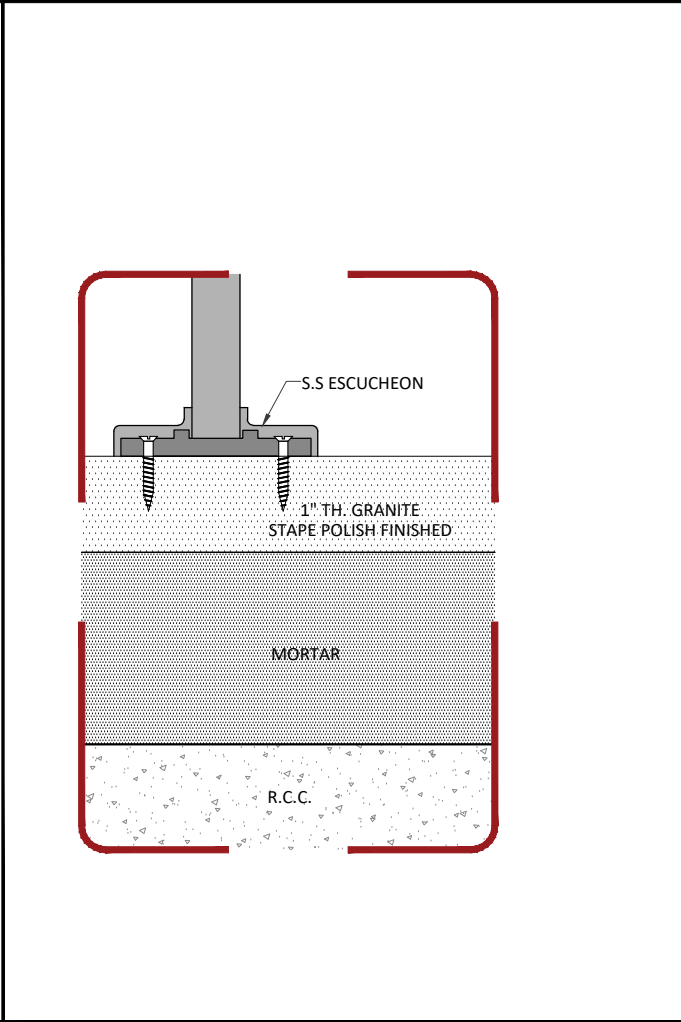
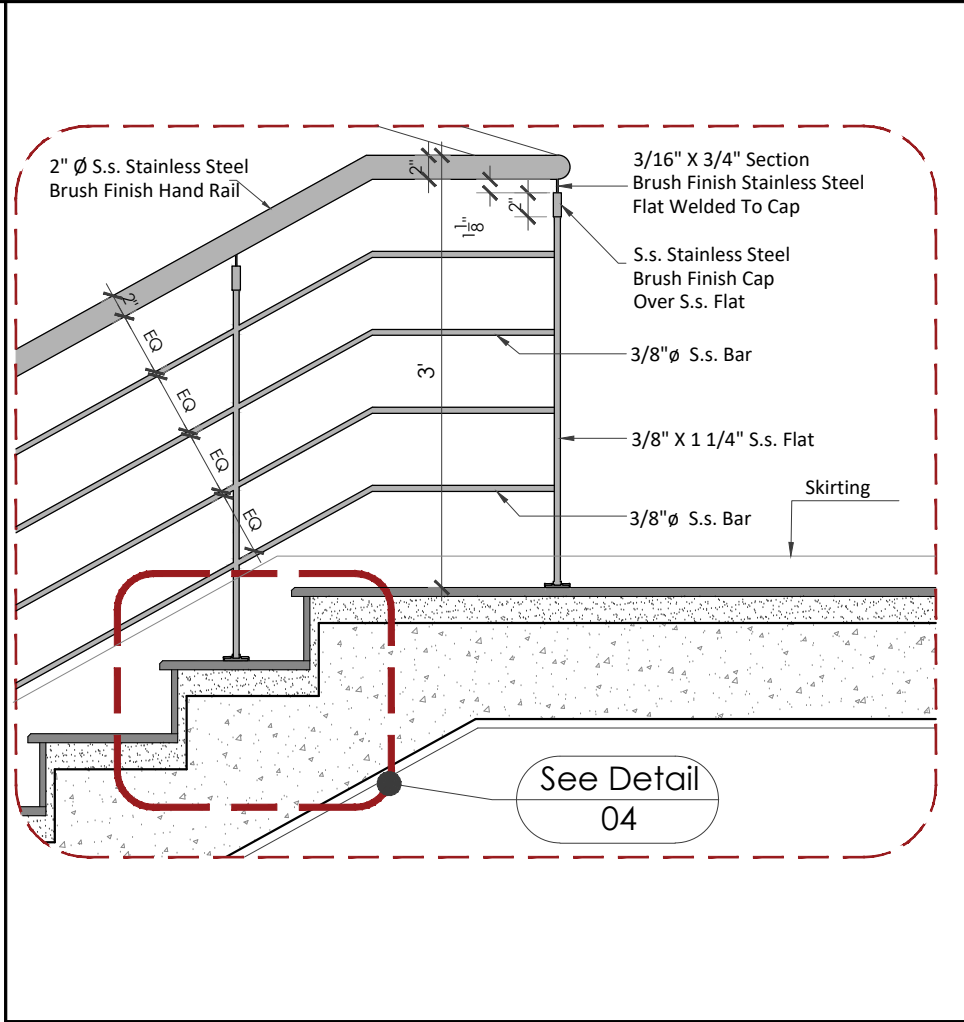
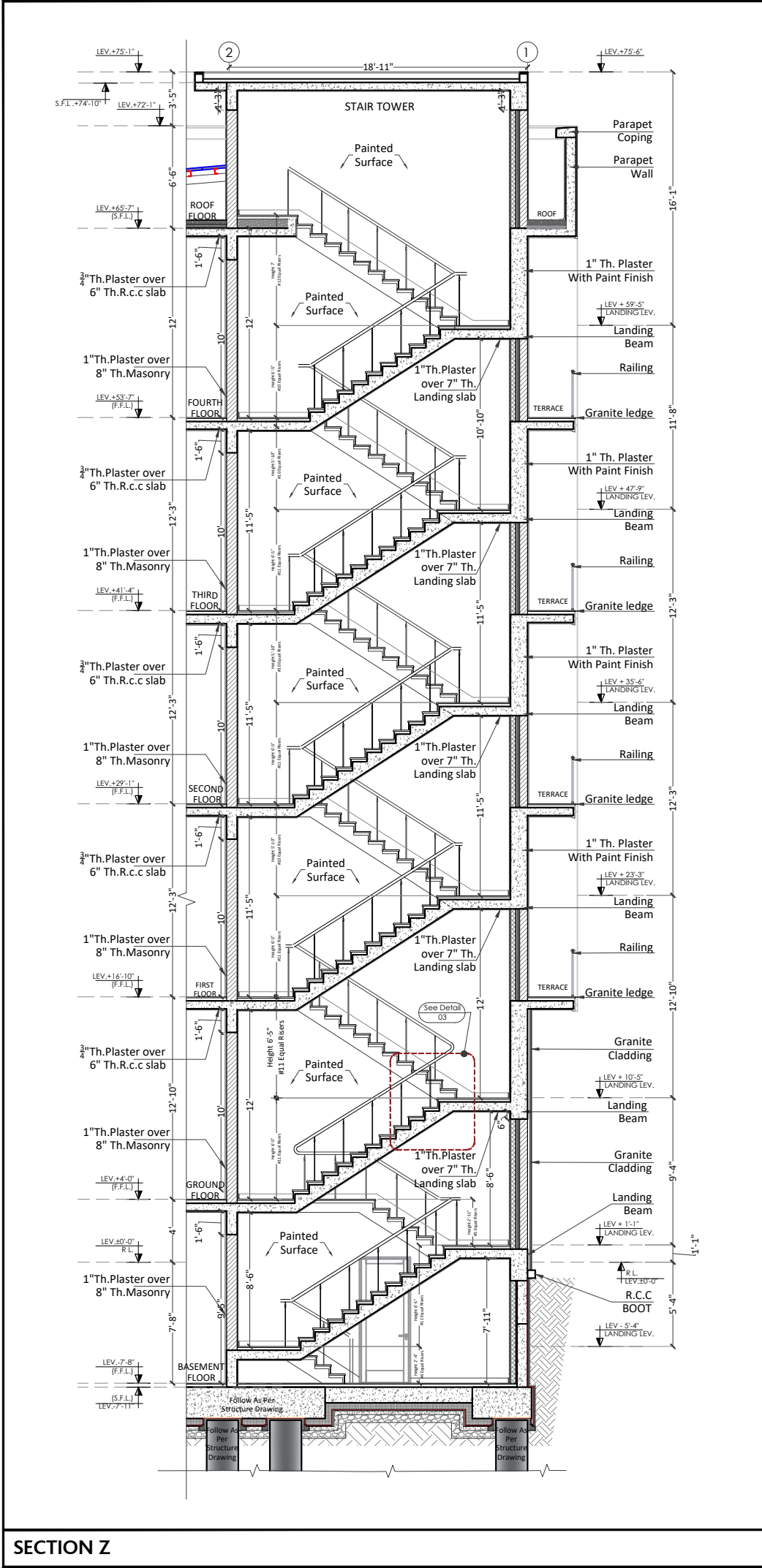
CLIENT
HABIB BANK LIMITED

Address
PLOT NO
69-C,National Highway, PH.II

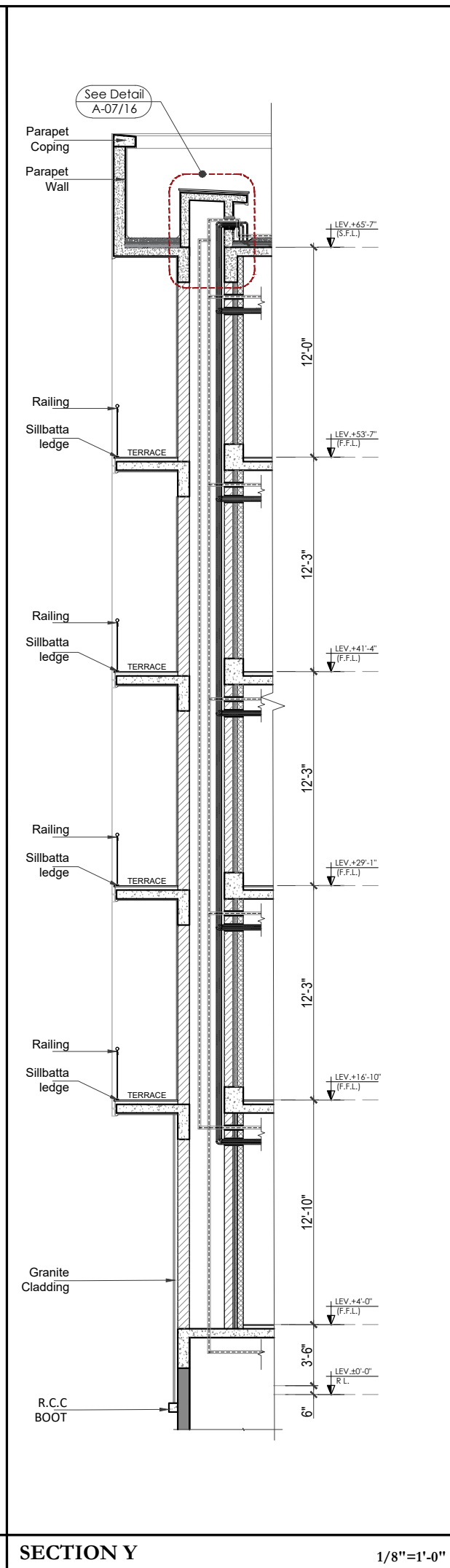
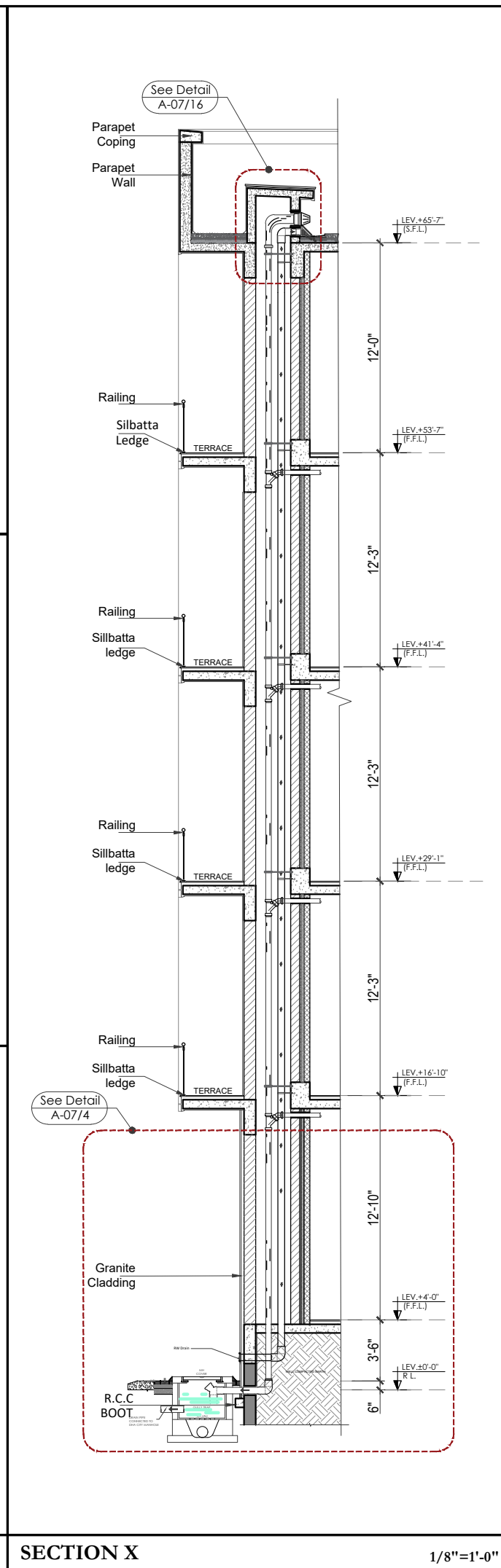
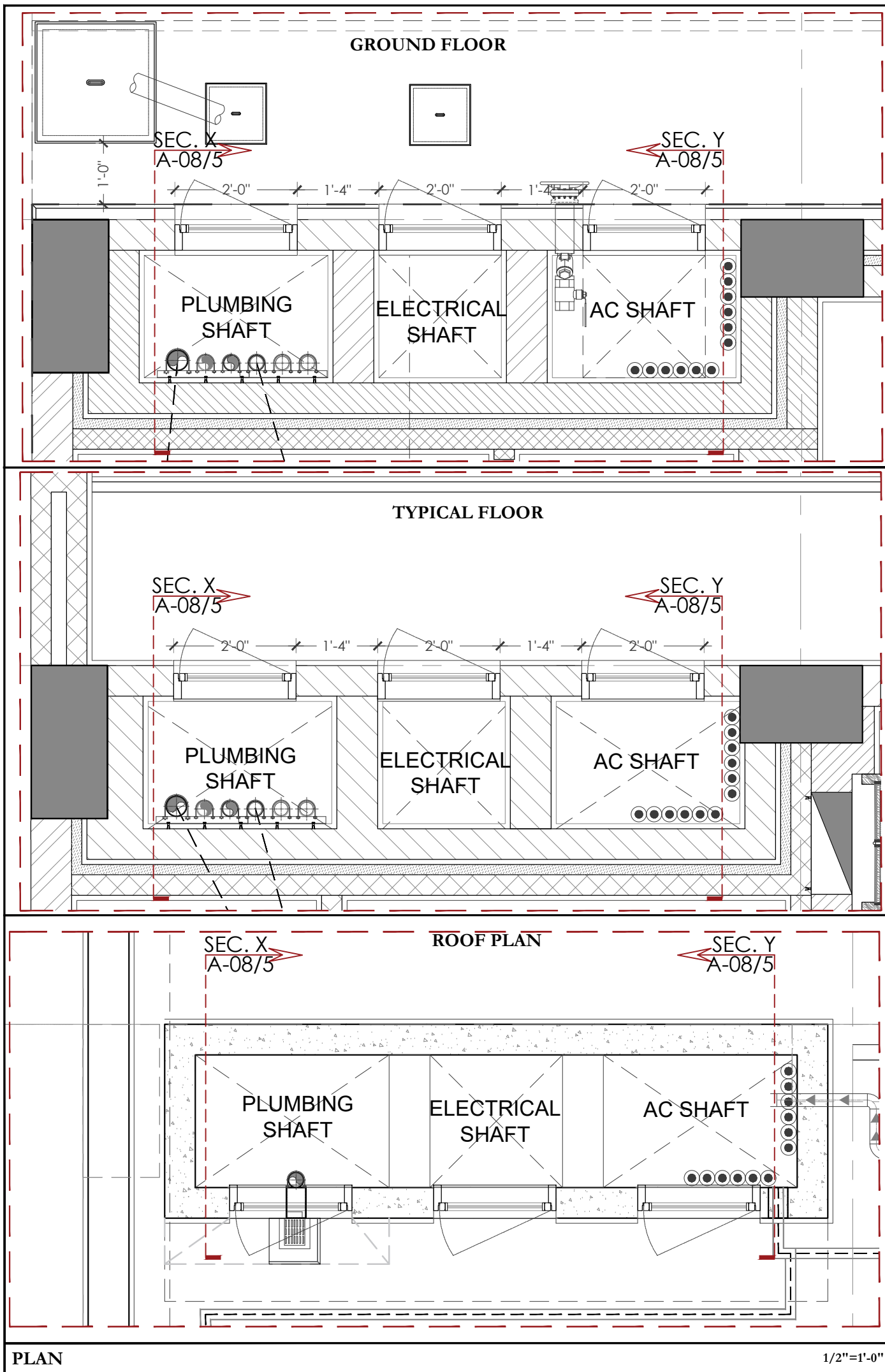
TITLE
STAIRCASE DETAIL

SCALE	DATE
1/4"= 1'-0"	Mar '25

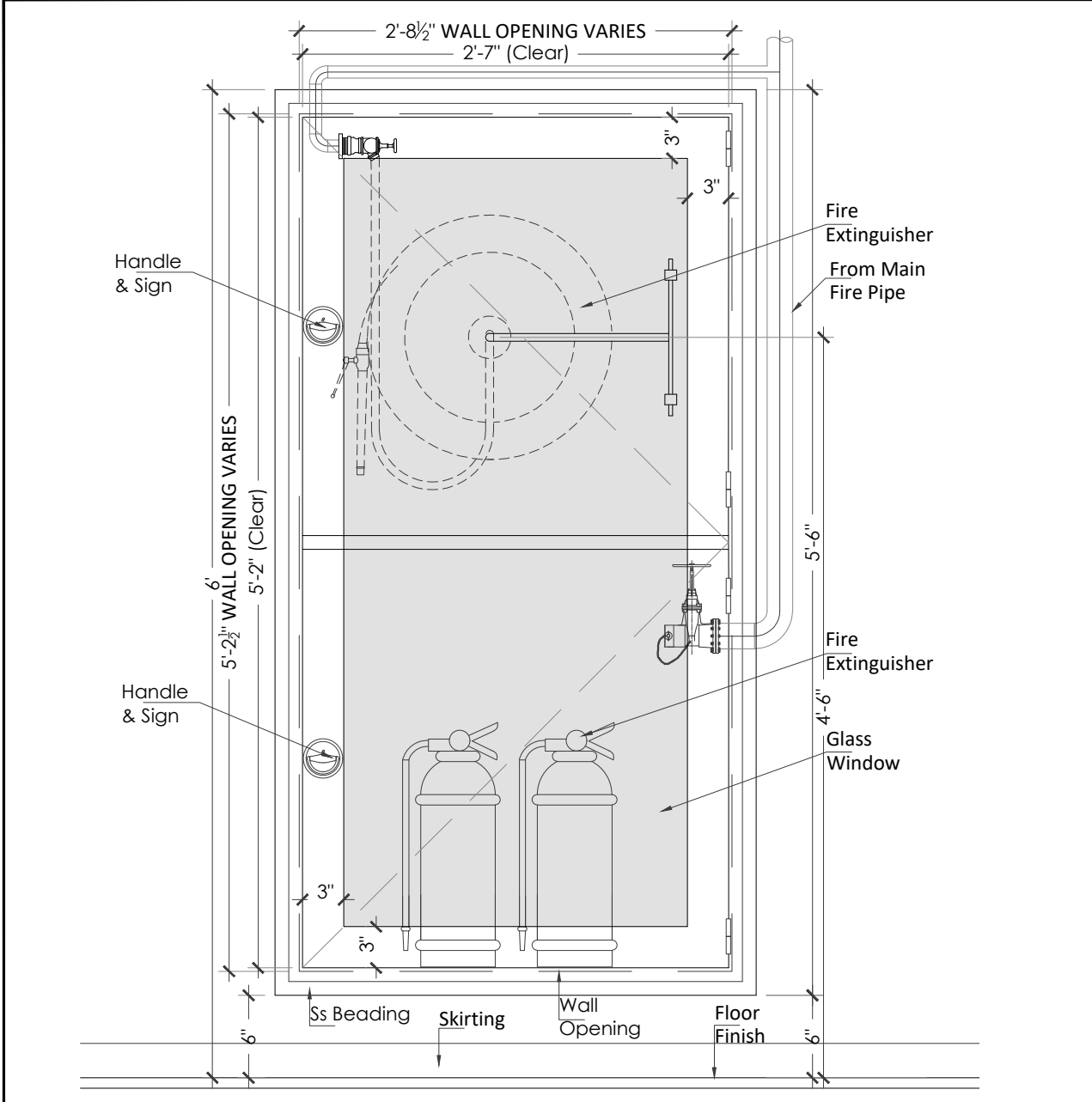
DWG. NO.	A-08	SHEET 3 of 7	REV.
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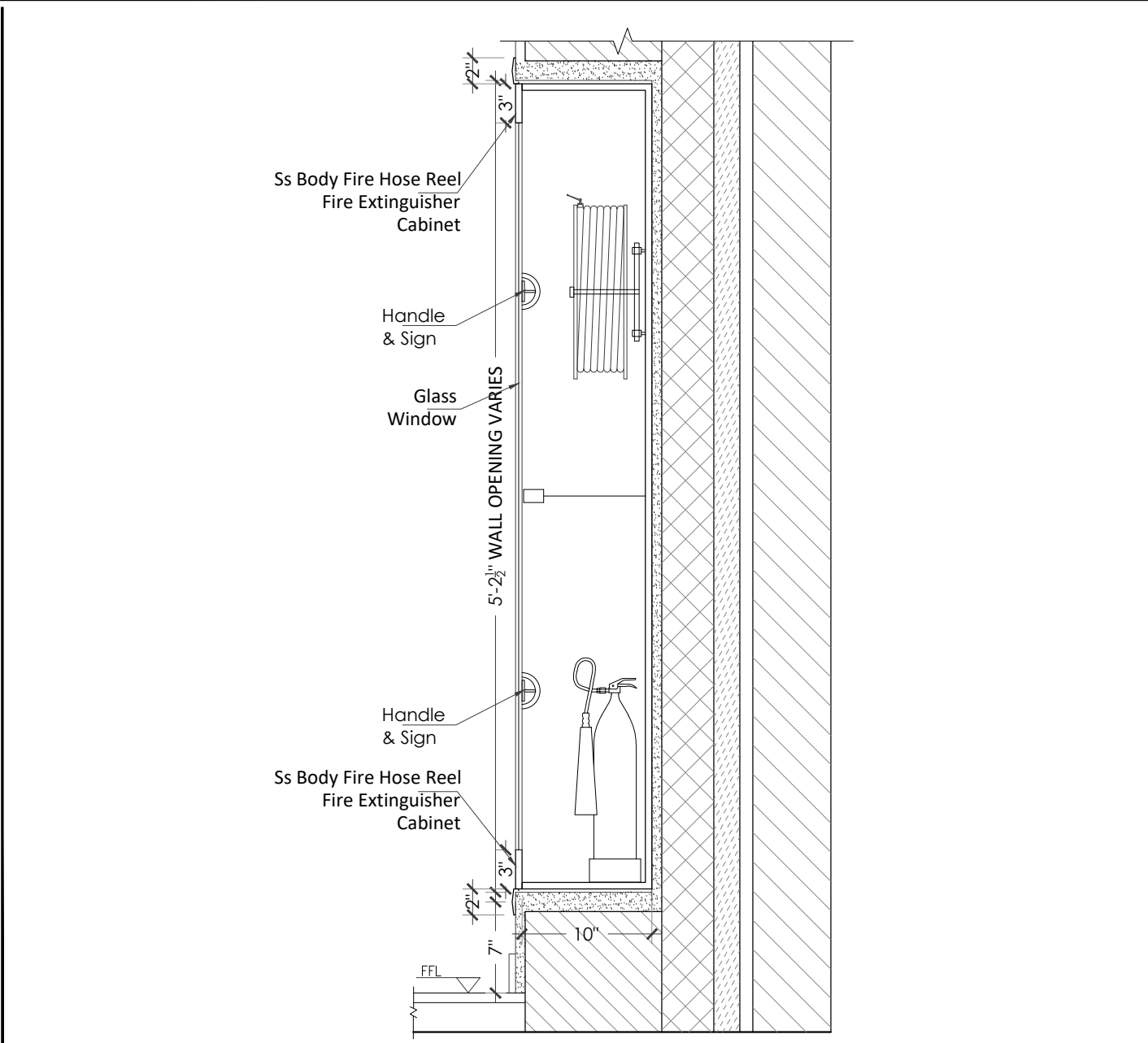
PROJECT		
HBL 69-C,National Highway, PH.II		
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS		
STRUCTURE CONSULTANT'S		
Engineer: ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL, KARACHI. TEL: 021-34988461-34980871, FAX:34985907		
HVAC AND PLUMBING CONSULTANTS		
FAHIM, NANJI & DESOUZA Consulting Engineers HVAC, Plumbing, Mechanical 10, ILACO House, Abdullah Haroon Road, Karachi-74400 Pakistan Ph: (92-21) 563-7878-82 Fax: (92-21) 521-1634 Email: fahimnanji@cyber.net.pk		
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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE
CLIENT		
HABIB BANK LIMITED		
Address		
PLOT NO 69-C,National Highway, PH.II		
TITLE		
STAIRCASE DETAIL		
SCALE		DATE
AS SHOWN		Mar '25
DWG. NO.	A-08	SHEET 4 of 7
		REV.



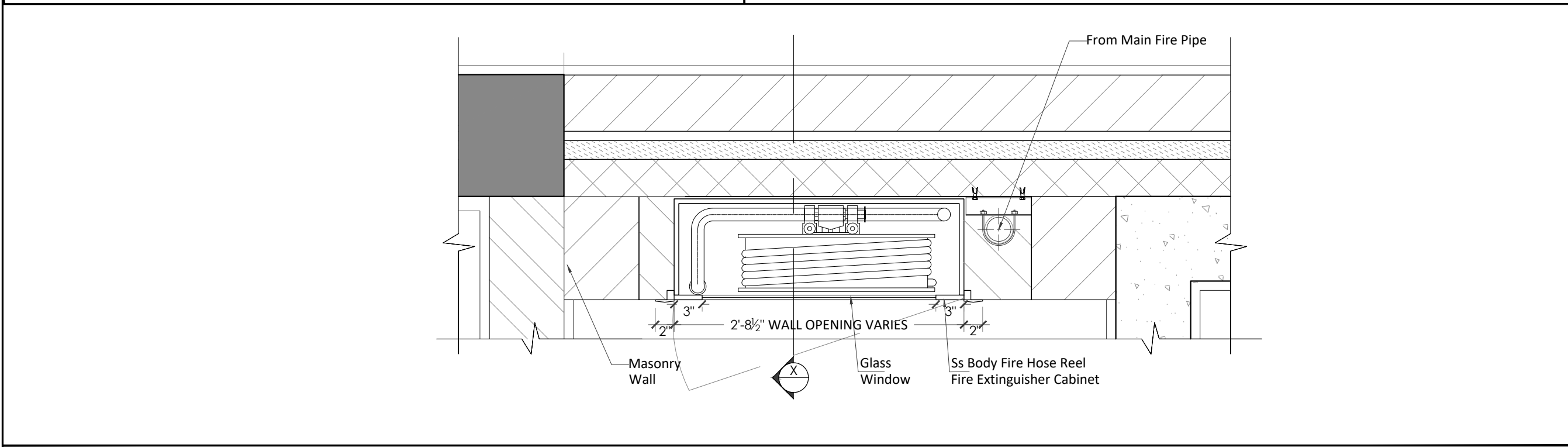
PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer: ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI. TEL: 021-34988461-34980671, FAX:34985907			
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6" MASONRY WALL			
8" MASONRY WALL			
4" MASONRY WALL			
R.C.C COLUMN			
R.C.C WALL			
CEMENT BOARD 4" THICK			
2" INSULATION			
01	ISSUE FOR Construction	24-3-25	
NO.	REVISION/ISSUE	DATE	
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.II			
TITLE			
SERVICE DUCT DETAILS			
SCALE		DATE	
AS SHOWN		Mar '25	
DWG. NO.	A-08	SHEET	REV.
		5 of 7	



ELEVATION



SECTION X



PLAN

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer:  **ARIF & ASSOCIATES**
CONSULTANTS
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6" MASONRY WALL

8" MASONRY WALL

4" MASONRY WALL

R.C.C COLUMN

R.C.C WALL

CEMENT BOARD 4" THICK

2" INSULATION

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

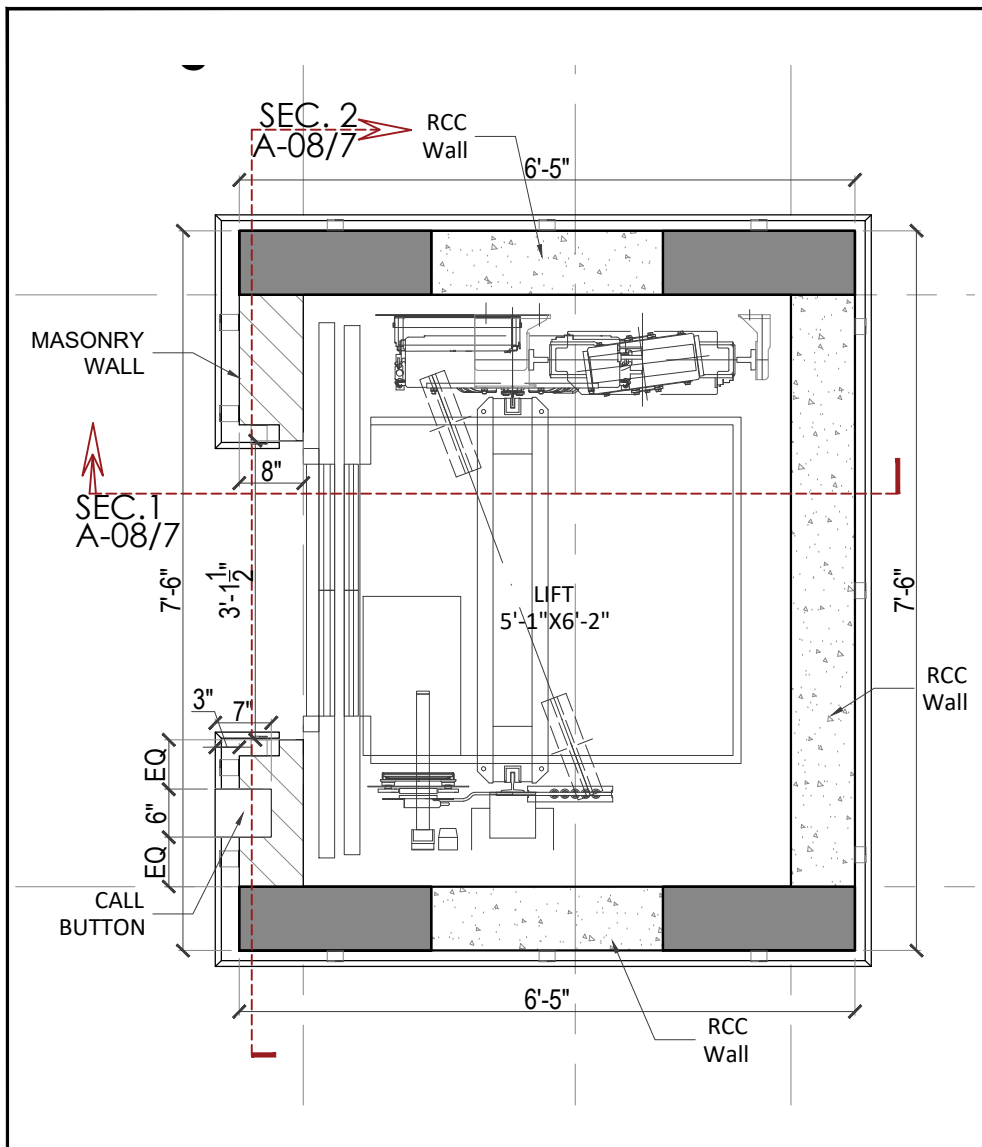
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TITLE

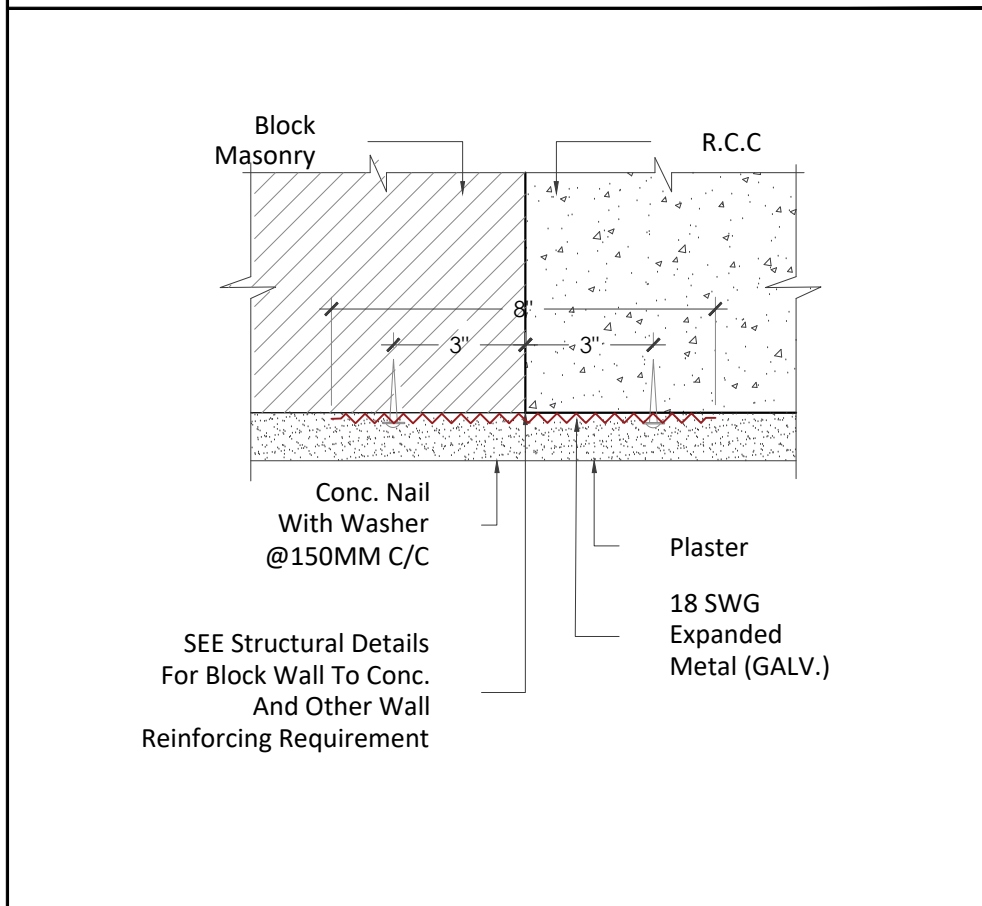
**FIRE HOSE REEL &
FIRE EXTINGUISHER
CABINET**

SCALE	DATE
1"= 1'-0"	Mar '25

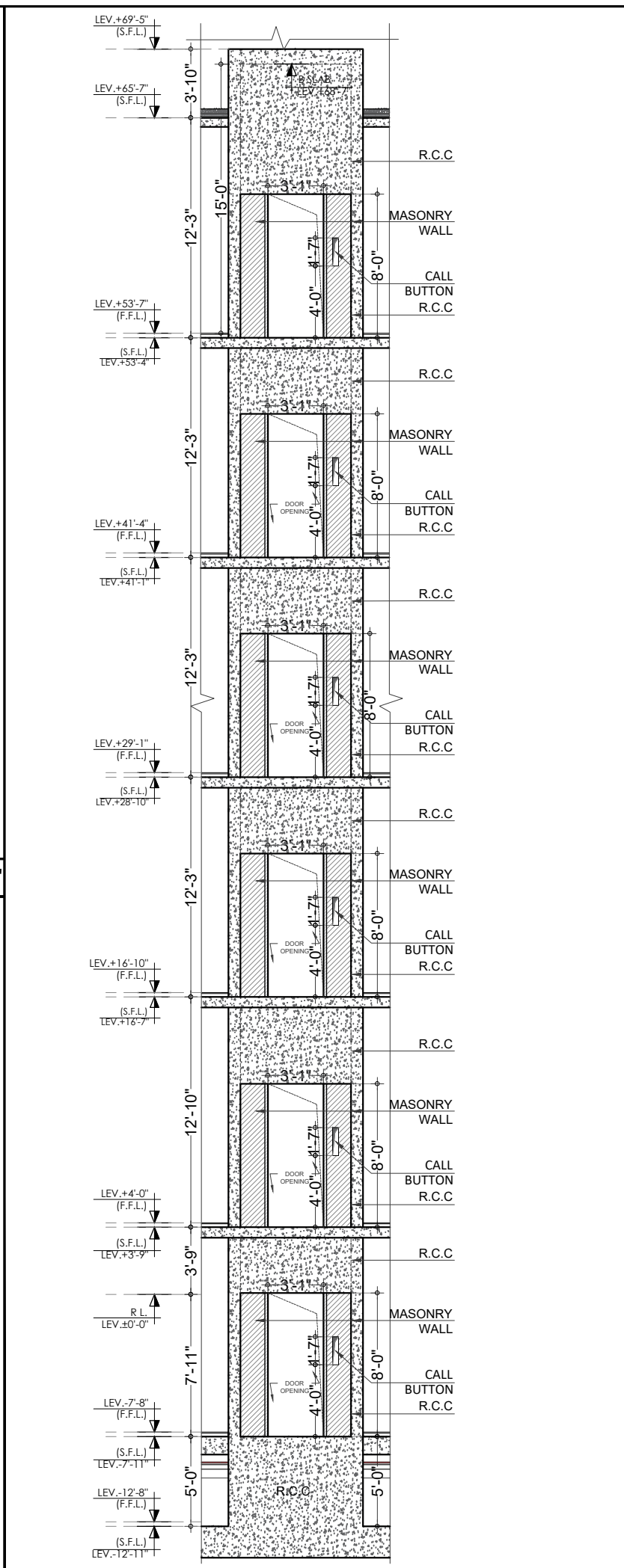
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A-08	6 of 7	



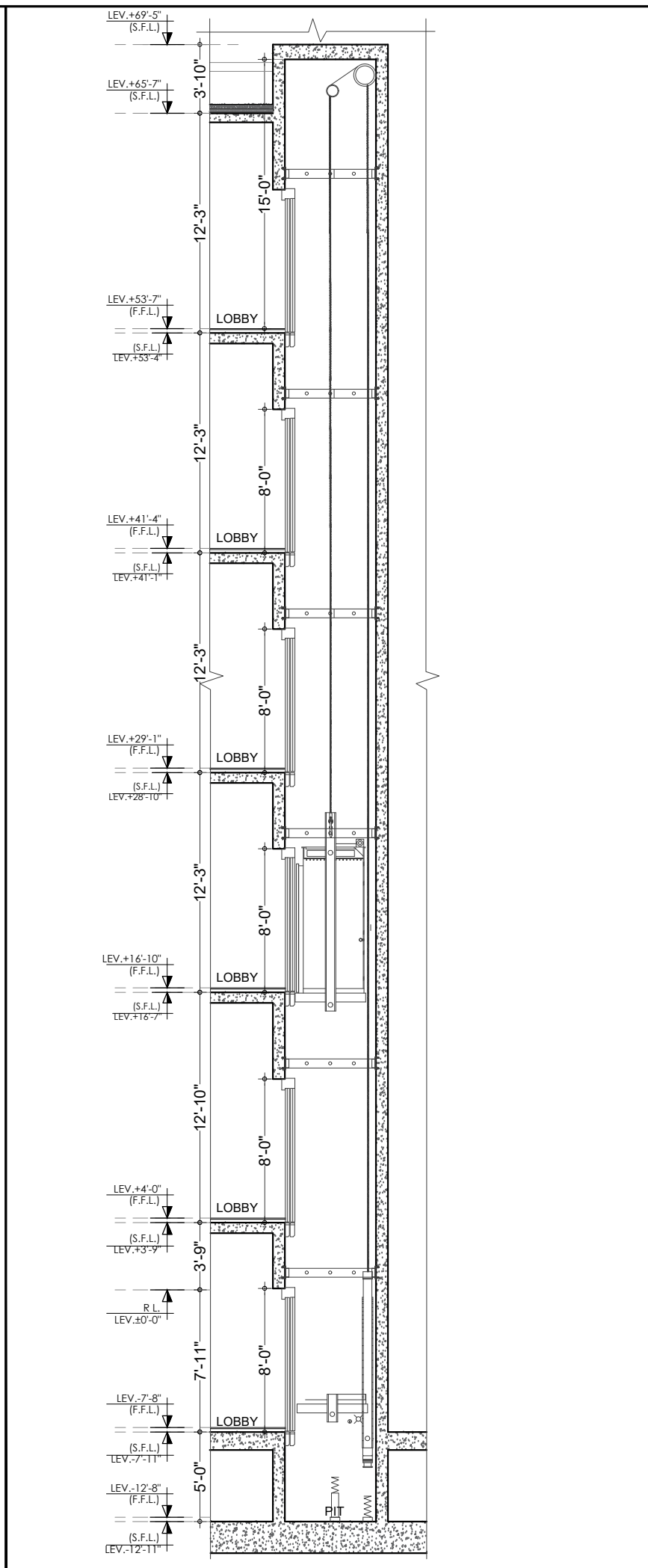
PLAN 1/2"=1'-0"



CONCRETE & MASONRY WALL JOINT DETAIL 3"=1'-0" SECTION X

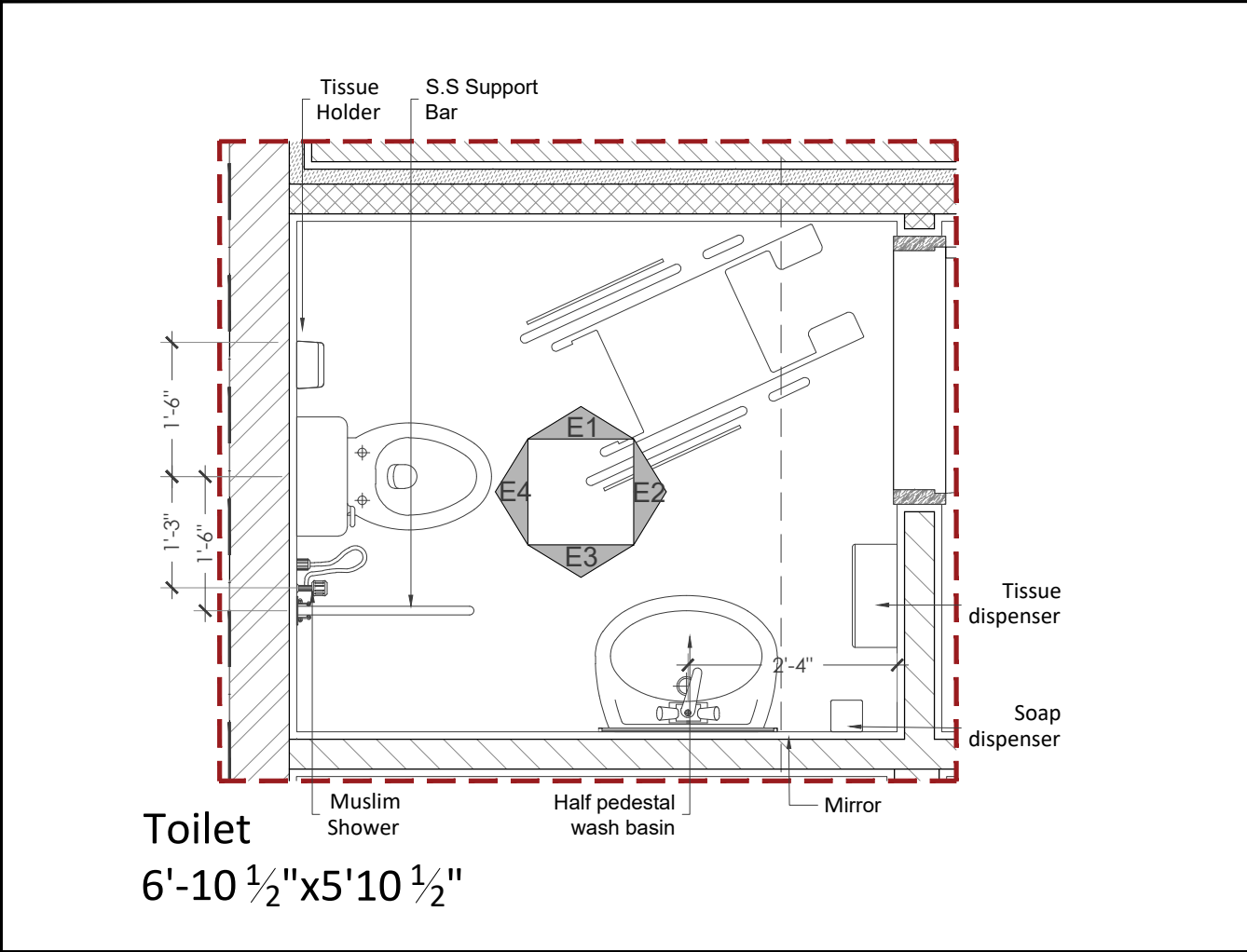


1/8"=1'-0" SECTION Y

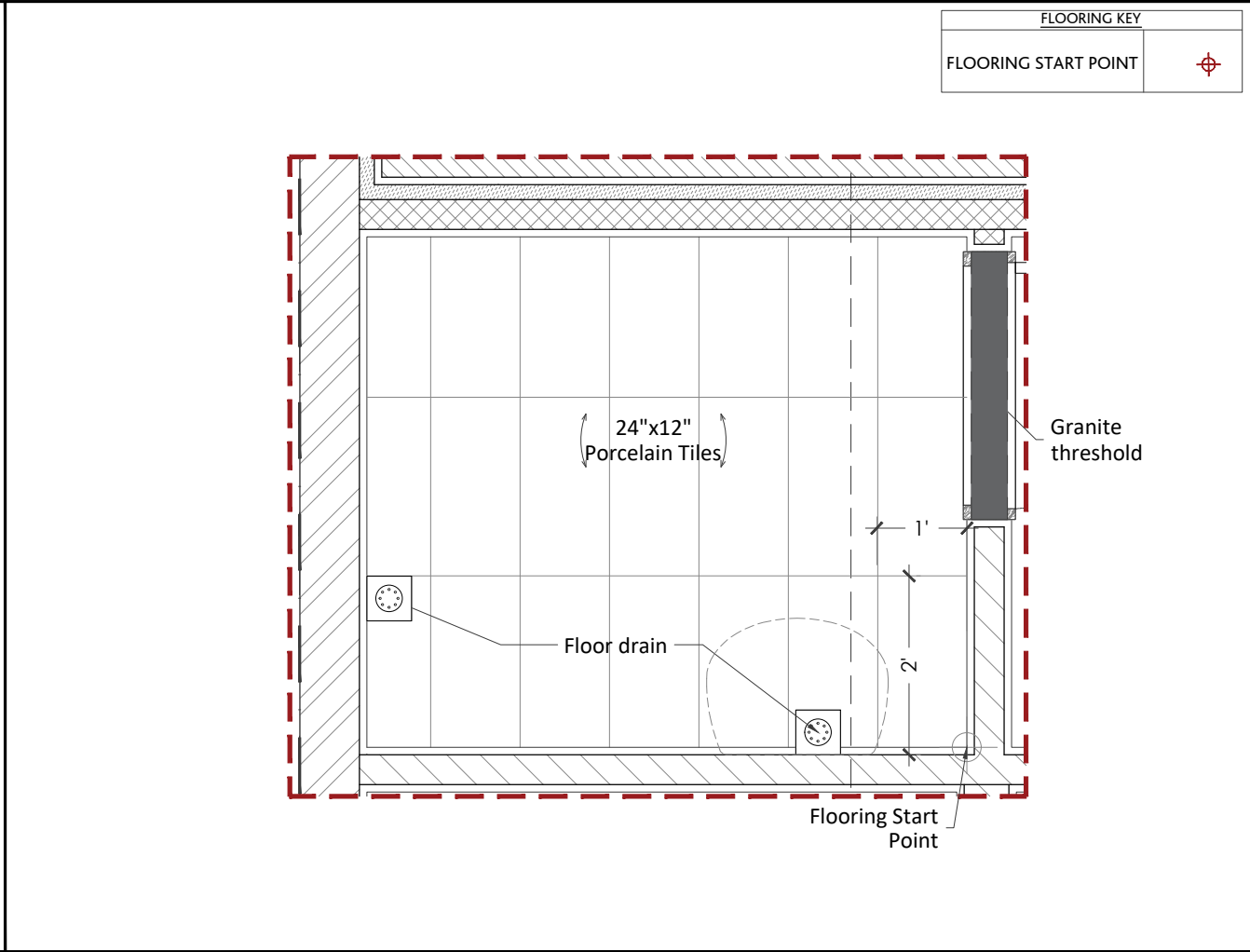


1/8"=1'-0" SECTION Y

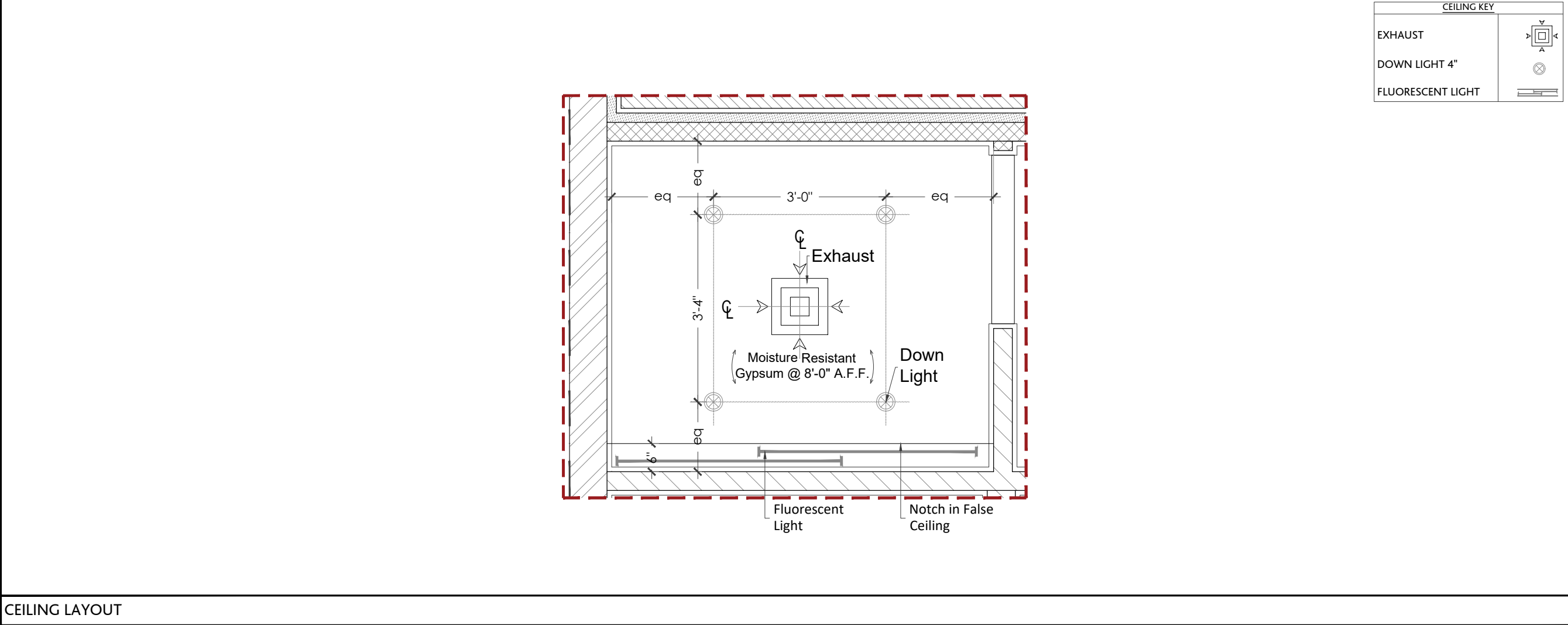
PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer: ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI TEL: 021-34988461-34980871, FAX:34985907			
HVAC AND PLUMBING CONSULTANTS			
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6" MASONRY WALL			
8" MASONRY WALL			
4" MASONRY WALL			
R.C.C COLUMN			
R.C.C WALL			
CEMENT BOARD 4" THICK			
2" INSULATION			
01	ISSUE FOR Construction	24-3-25	
<u>NO.</u>	<u>REVISION/ISSUE</u>	<u>DATE</u>	
<u>CLIENT</u>			
HABIB BANK LIMITED			
<u>Address</u>			
PLOT NO 69-C,National Highway, PH.II			
<u>TITLE</u>			
LIFT SHAFT			
<u>SCALE</u>		<u>DATE</u>	
AS SHOWN		Mar '25	
<u>DWG. NO.</u>	A-08	<u>SHEET</u>	<u>REV.</u>
		7 of 7	



FIXTURE LAYOUT



FLOORING LAYOUT



CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

STRUCTURE CONSULTANT'S

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PARTITION KEY

6" MASONRY WALL

8" MASONRY WALL

4" MASONRY WALL

R.C.C COLUMN

R.C.C WALL

CEMENT BOARD 4" THICK

2" INSULATION

01

ISSUE FOR Construction

24-3-25

NO.

REVISION/ISSUE

DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

TOILET 1
GROUND FLOOR

SCALE

DATE

1/2"= 1'-0"

Mar '25

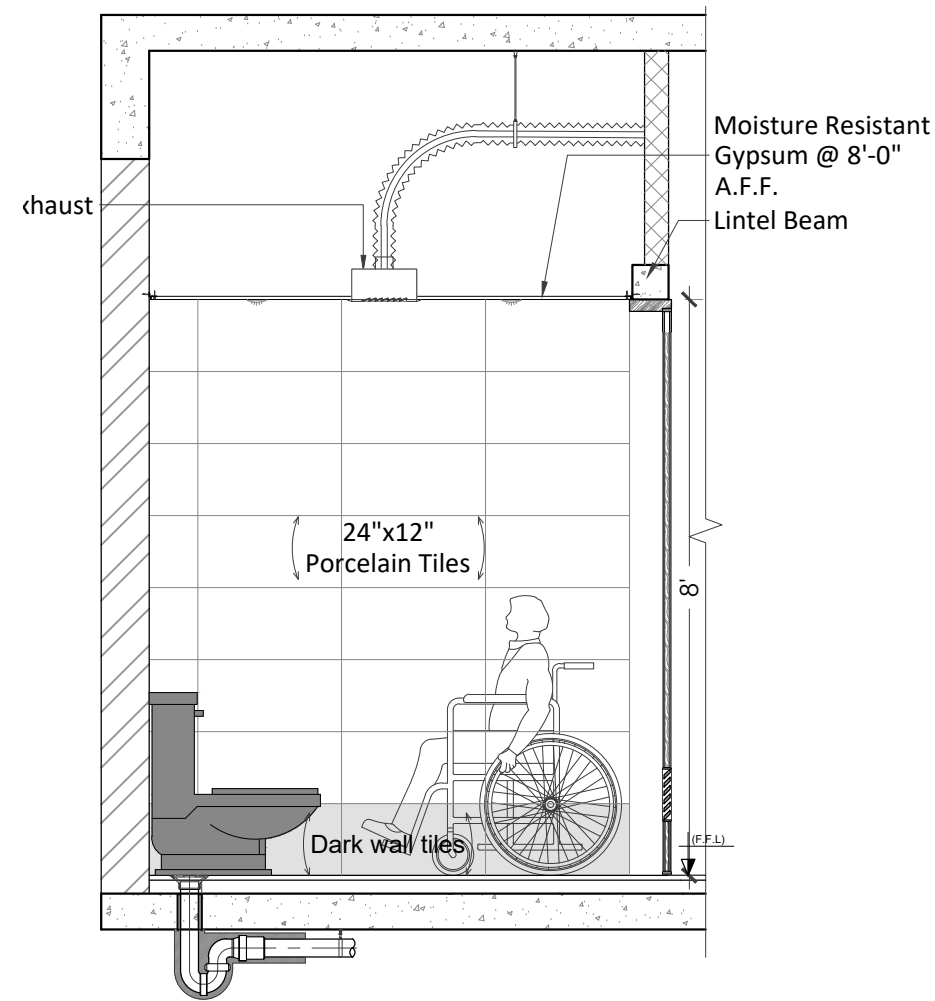
DWG. NO.

A-09

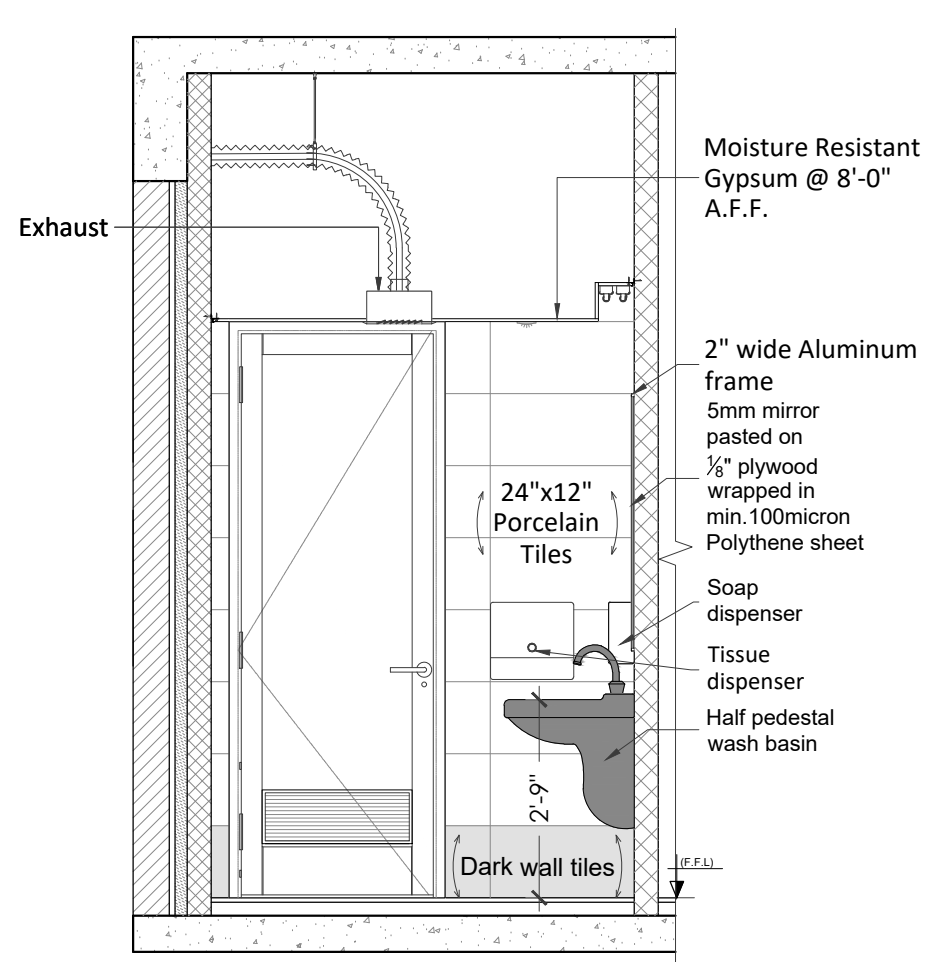
SHEET

1 of 18

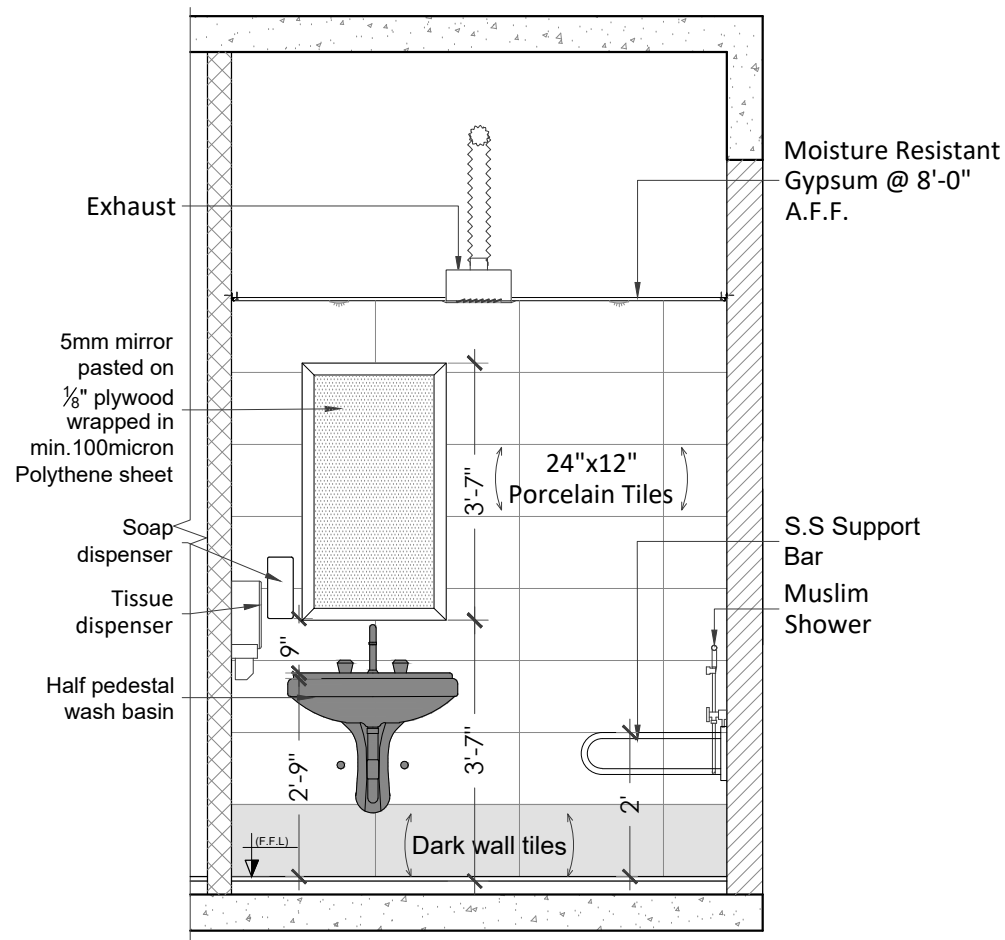
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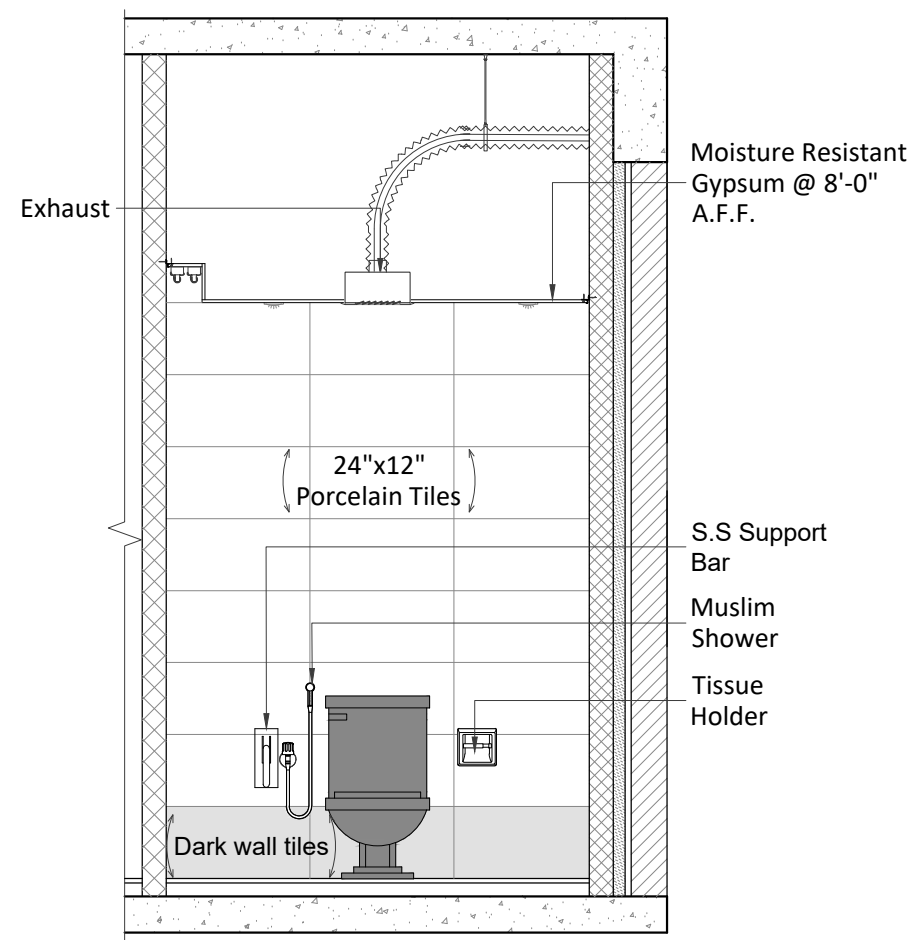
ELEVATION 1



ELEVATION 2



ELEVATION 3



ELEVATION 4

CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

COLLABORATIVE DESIGN

STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

HVAC AND PLUMBING CONSULTANTS

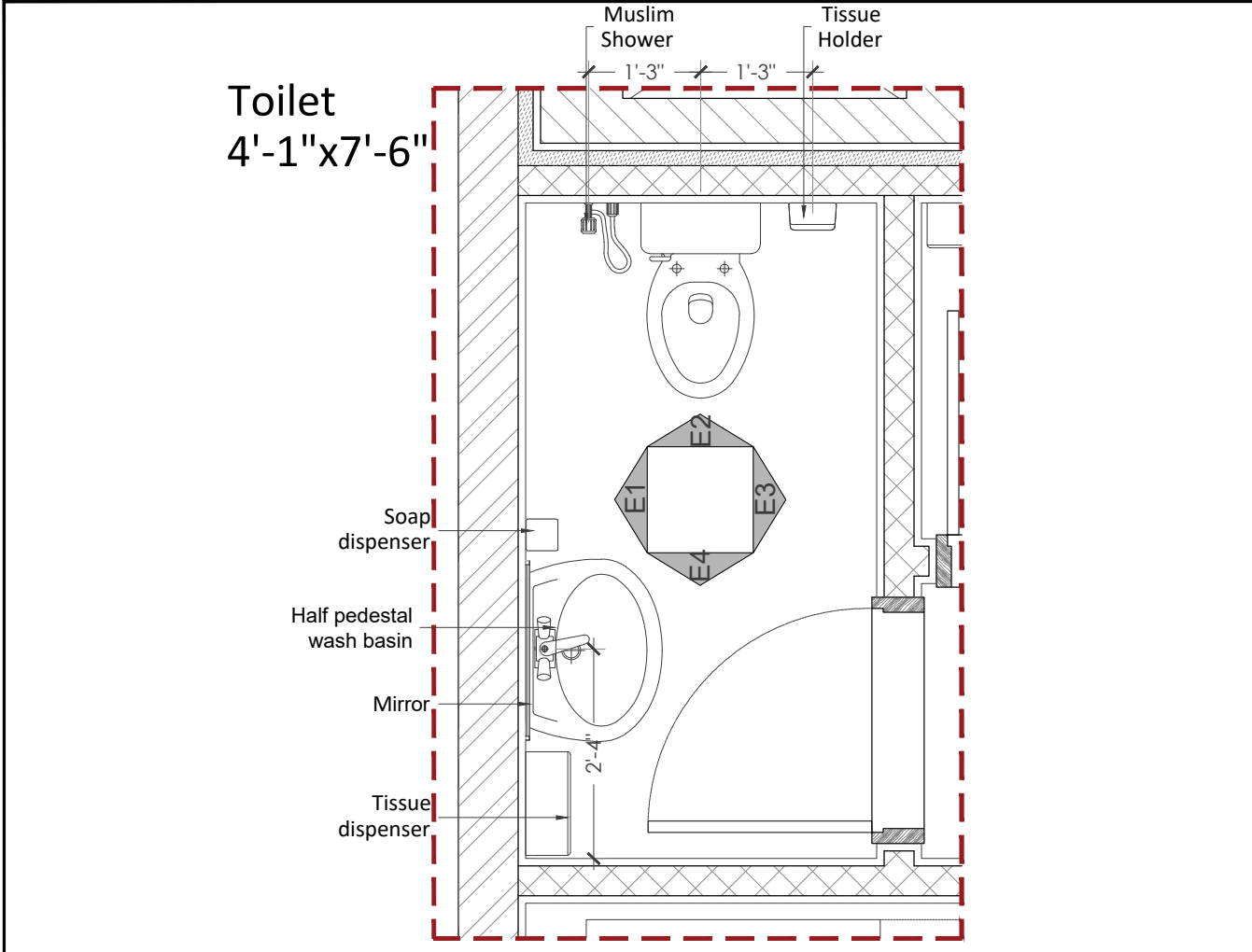
FAHIM, NANJI & DESOUZA
Consulting Engineers
HVAC, Plumbing, Mechanical
10, ILACO House, Abdullah Haroon Road, Karachi-74400
Pakistan
Ph: (92-21) 563-7878-82
Fax: (92-21) 521-1634
Email: fahimnaji@cyber.net.pk

NOTE:

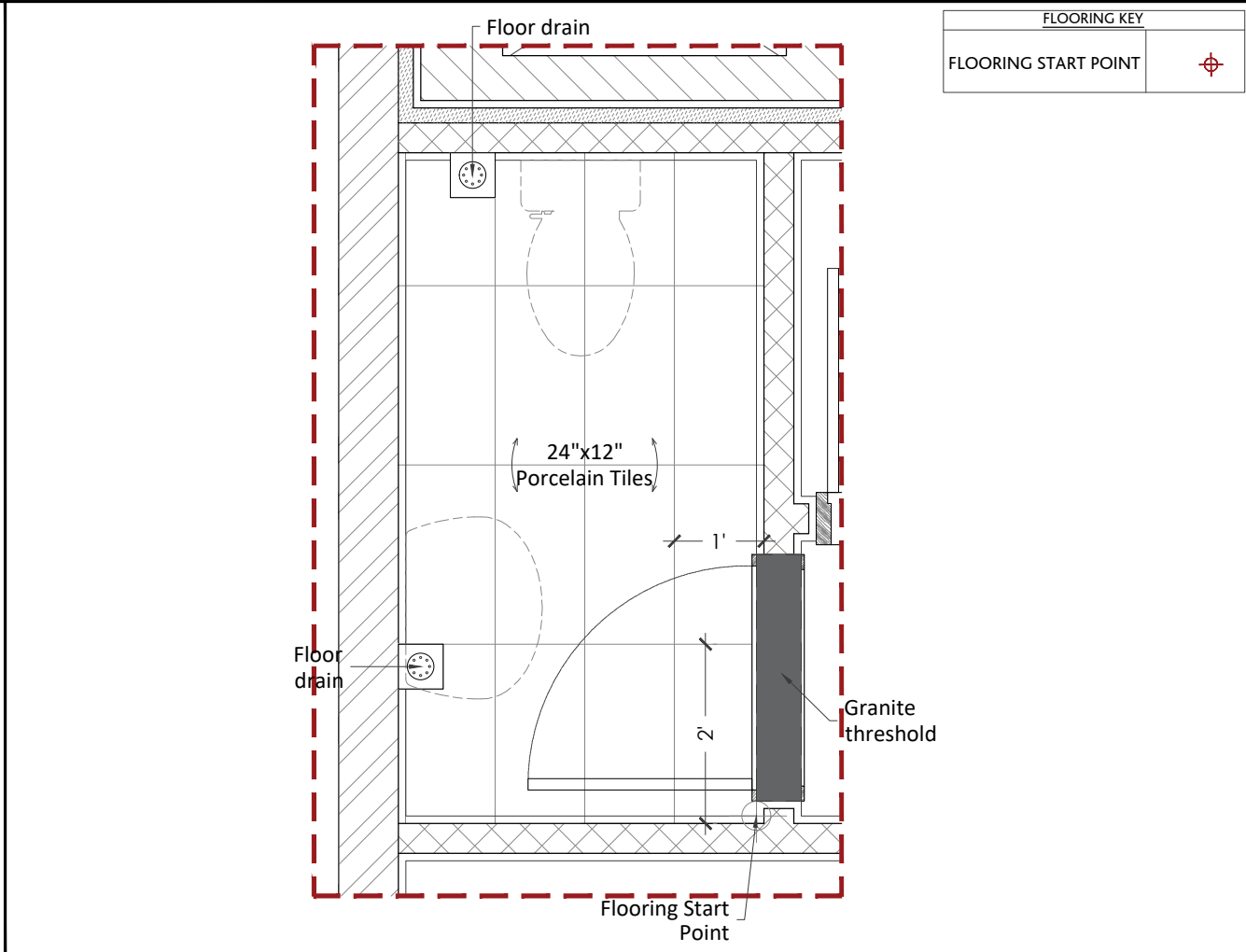
* ALL DIMENSIONS ARE IN FEET (') AND INCHES (")

* ALL ERROR EMISSION TO BE REPORTED TO THE ARCHITECT DURING EXCECUITON WORK

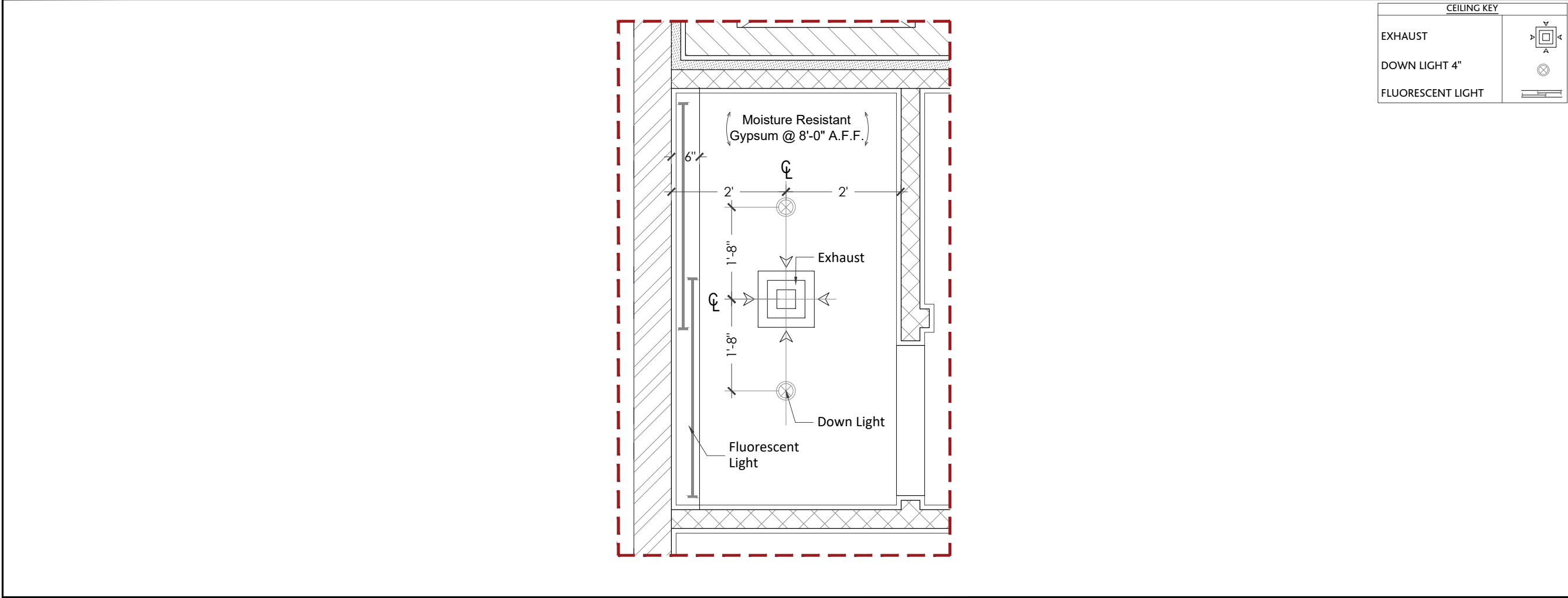
01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE
CLIENT		
HABIB BANK LIMITED		
Address		
PLOT NO 69-C,National Highway, PH.II		
TITLE		
ELEVATION		
SCALE		DATE
3/8" = 1'-0"		Mar '25
DWG. NO.	A-09	SHEET 2 of 18
		REV.



FIXTURE LAYOUT



FLOORING LAYOUT



CEILING LAYOUT

FLOORING KEY	
FLOORING START POINT	

CLIENT

HBL
69-C,National Highway, PH.II

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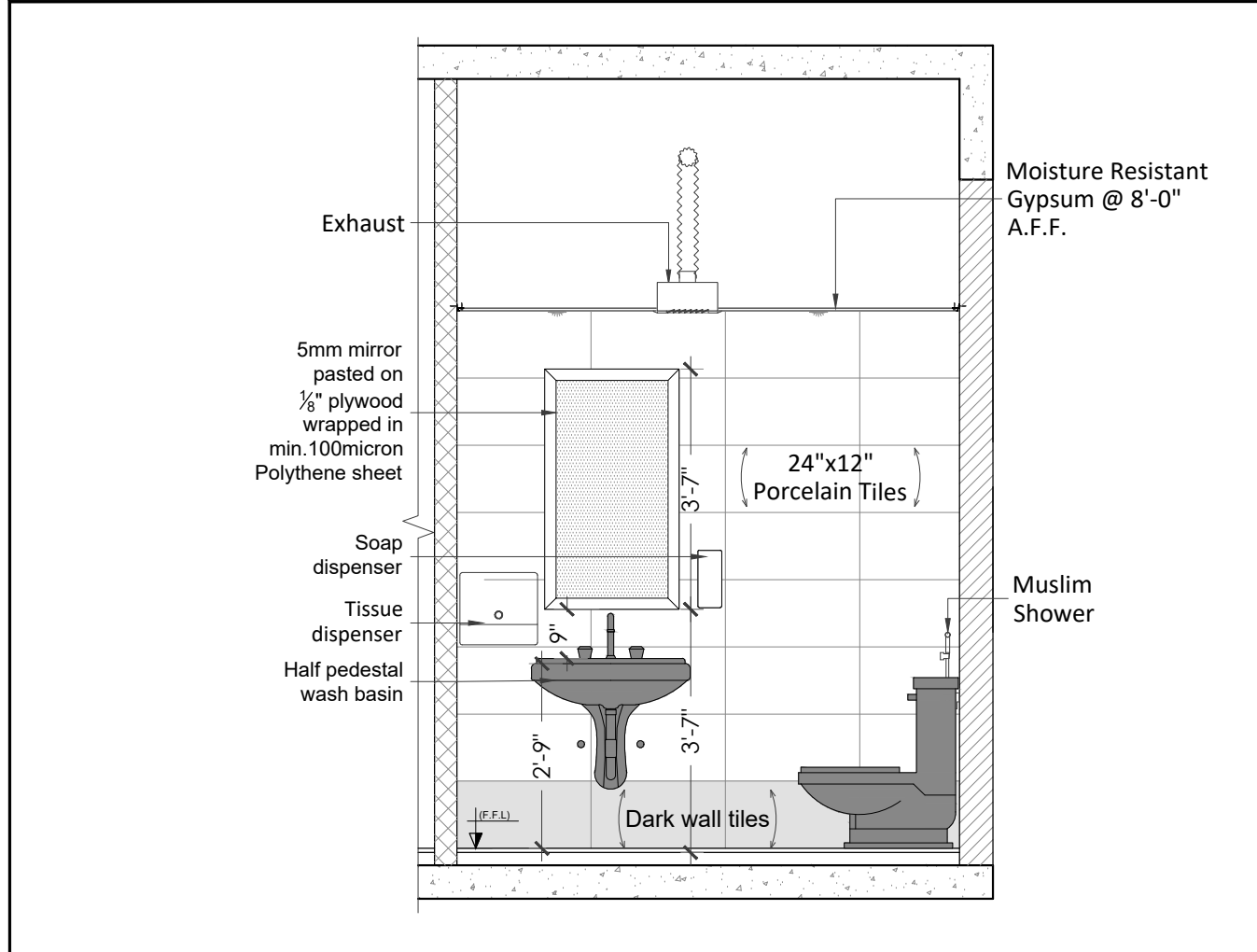
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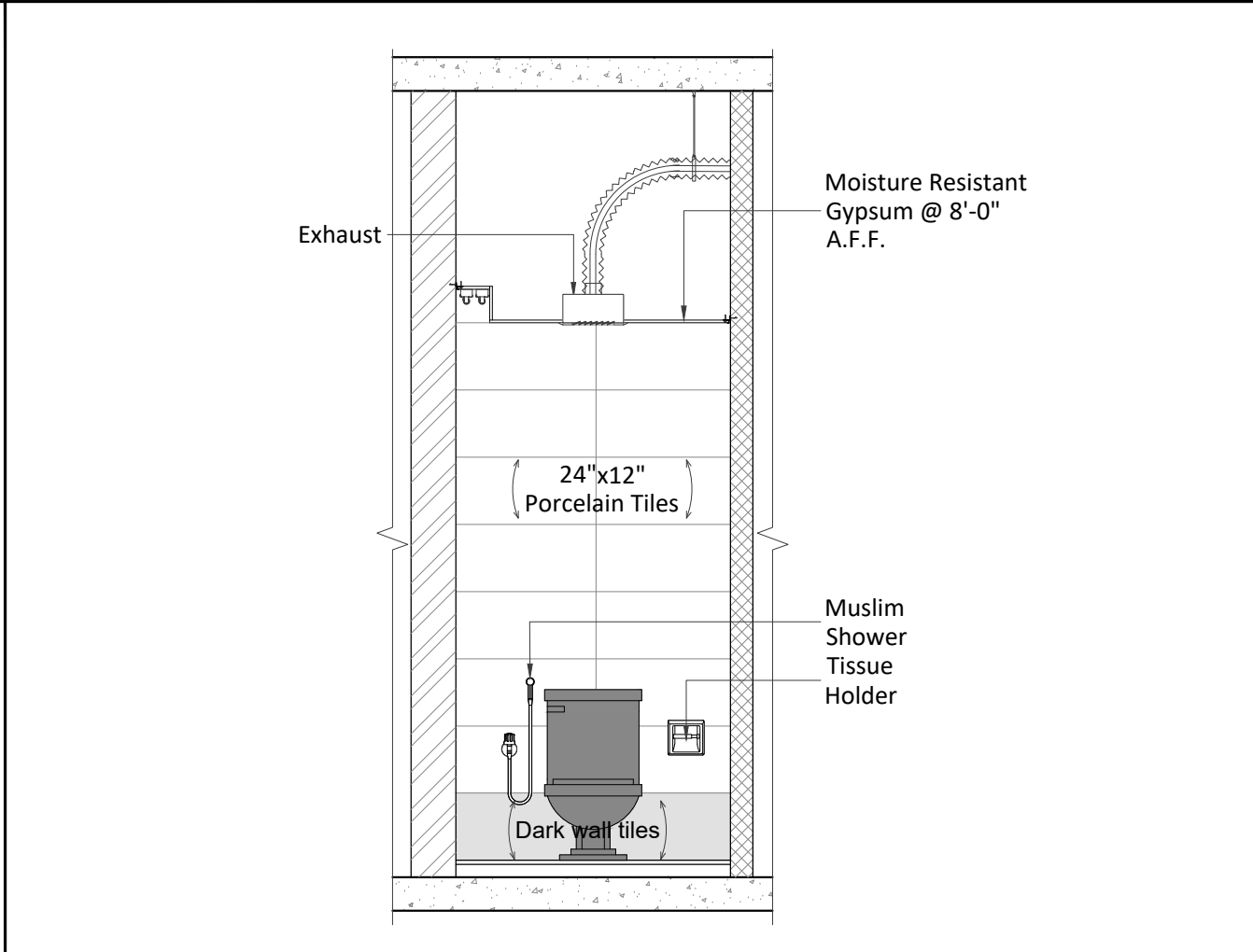
PARTITION KEY		
6" MASONRY WALL		
8" MASONRY WALL		
4" MASONRY WALL		
R.C.C COLUMN		
R.C.C WALL		
CEMENT BOARD 4" THICK		
2" INSULATION		

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

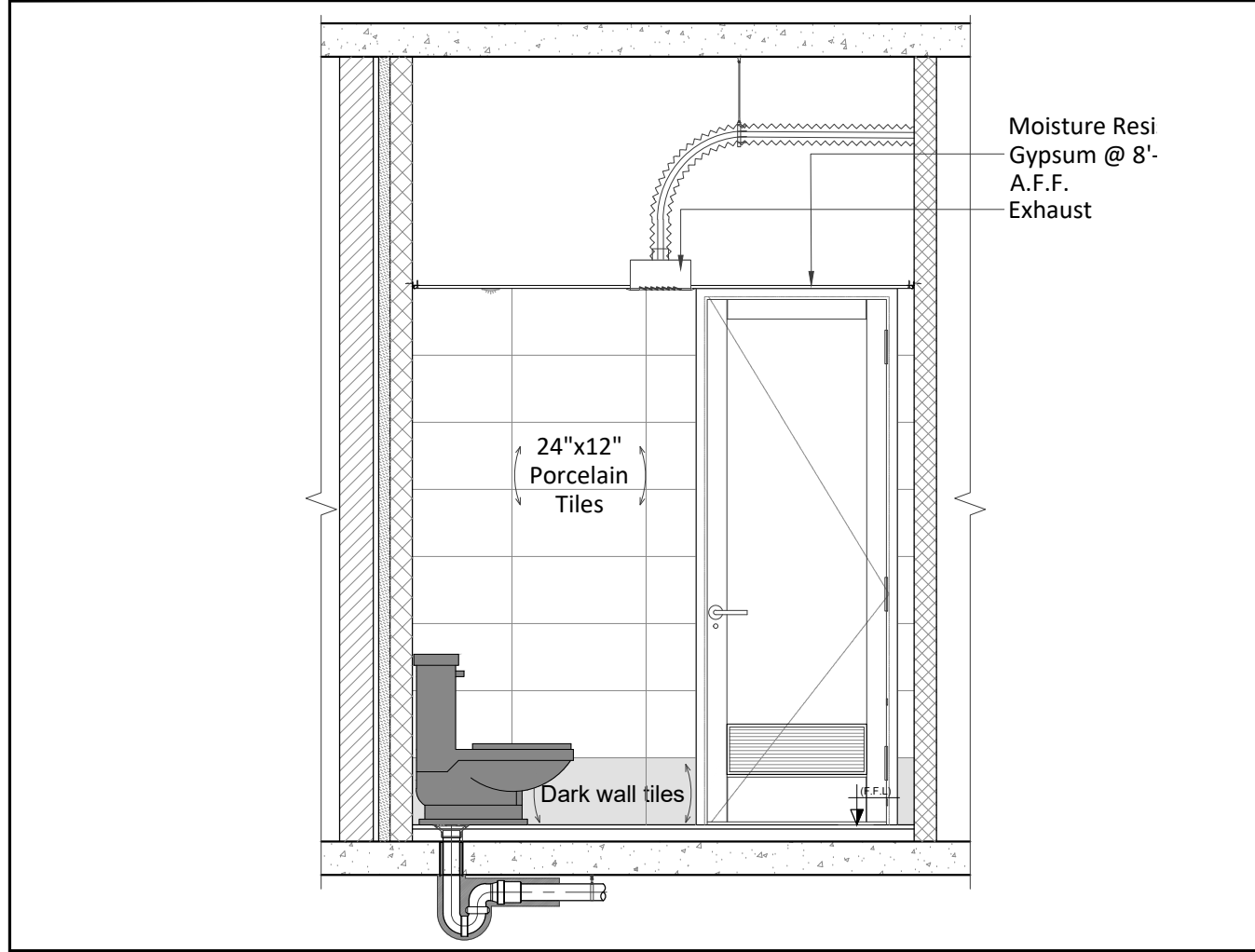
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.II			
TITLE			
TOILET 1 FIRST FLOOR			
SCALE		DATE	
1/2" = 1'-0"		Mar '25	
DWG. NO.	A-09	SHEET	REV.
		3 of 18	



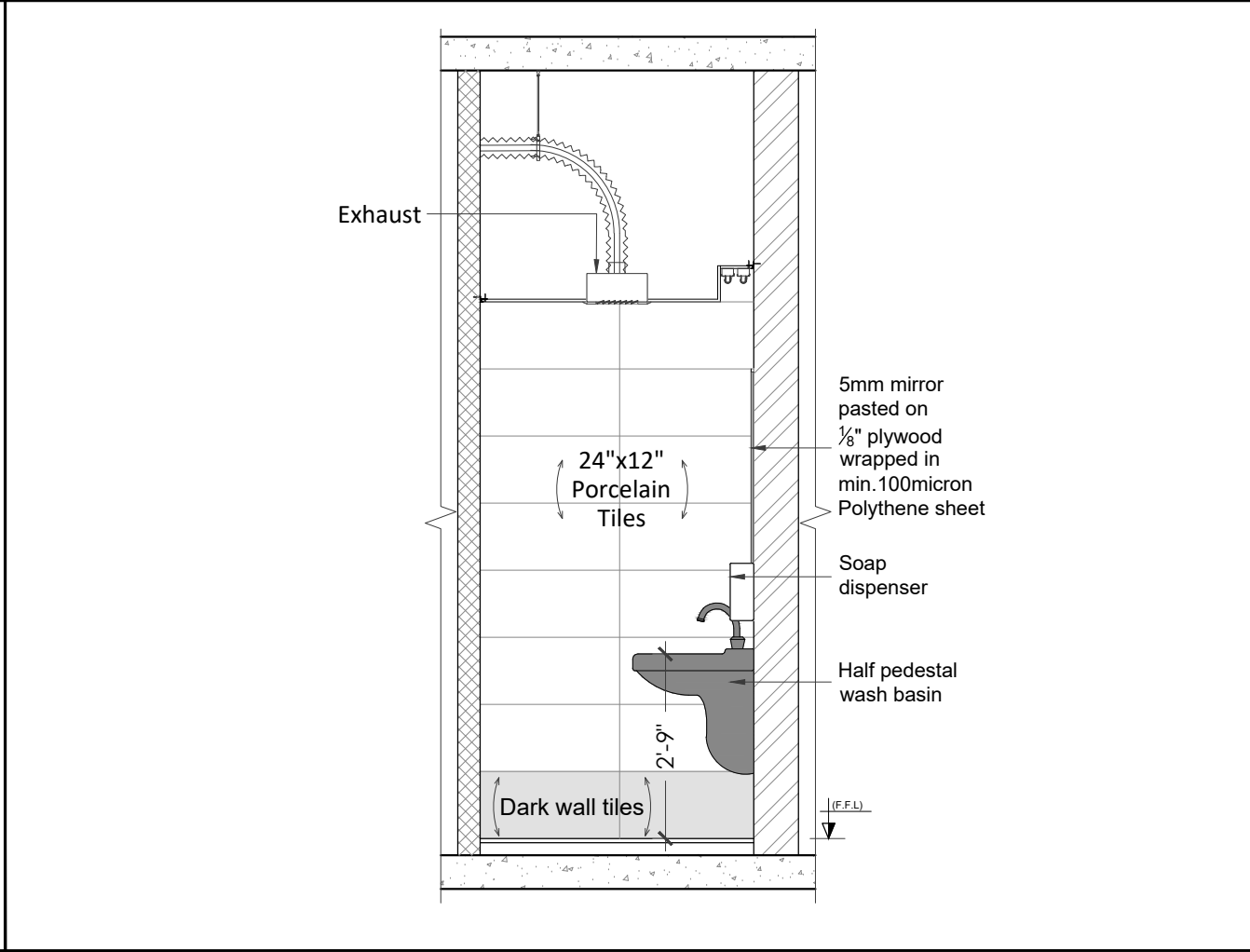
ELEVATION 1



ELEVATION 2



ELEVATION 3



ELEVATION 4

CLIENT

HBL
69-C,National Highway, PH.II

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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

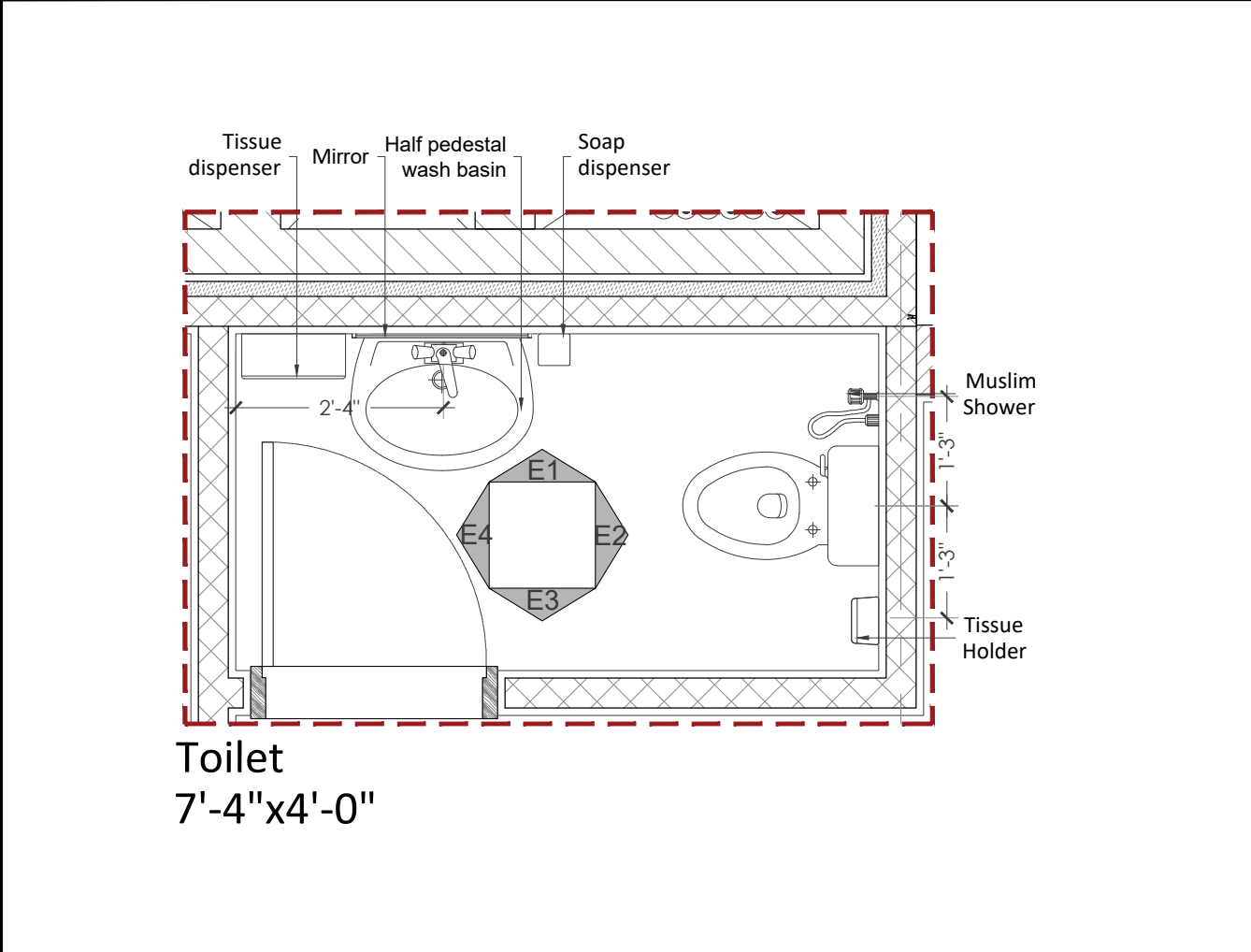
PLOT NO
69-C,National Highway, PH.II

TITLE

ELEVATION

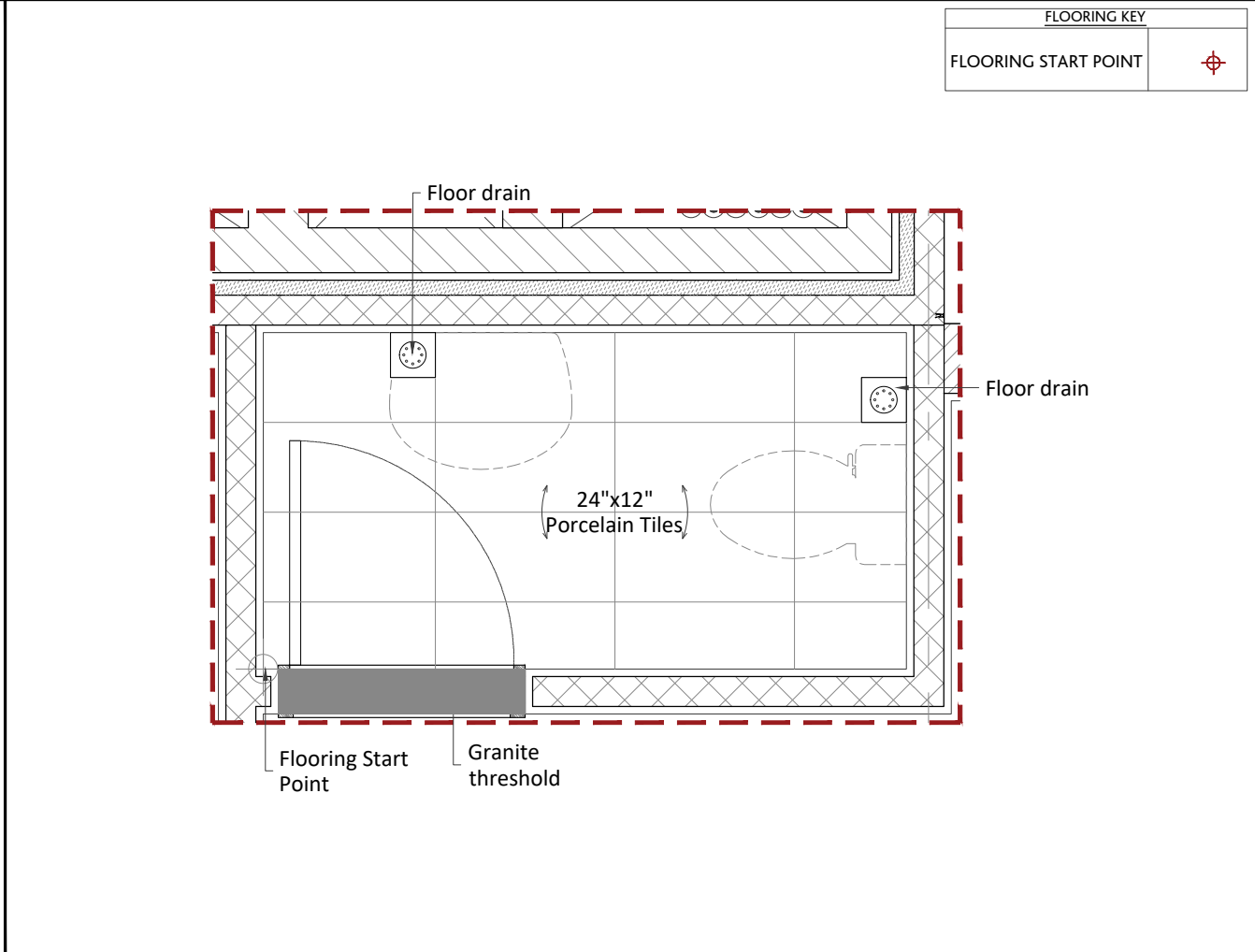
SCALE	DATE
3/8"= 1'-0"	Mar '25

DWG. NO.	A-09	SHEET	4 of 18	REV.
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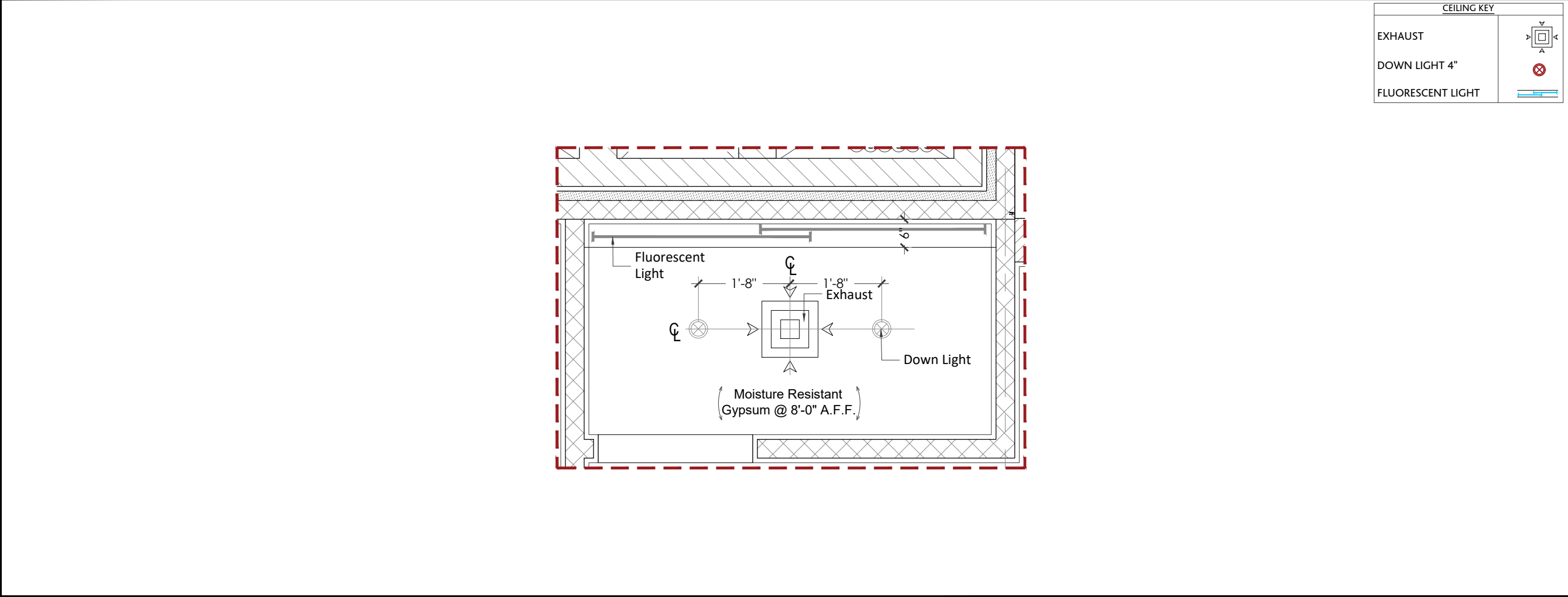


Toilet
7'-4"x4'-0"

FIXTURE LAYOUT



FLOORING LAYOUT



CEILING LAYOUT

FLOORING KEY	
FLOORING START POINT	

CLIENT

HBL
69-C,National Highway, PH.II

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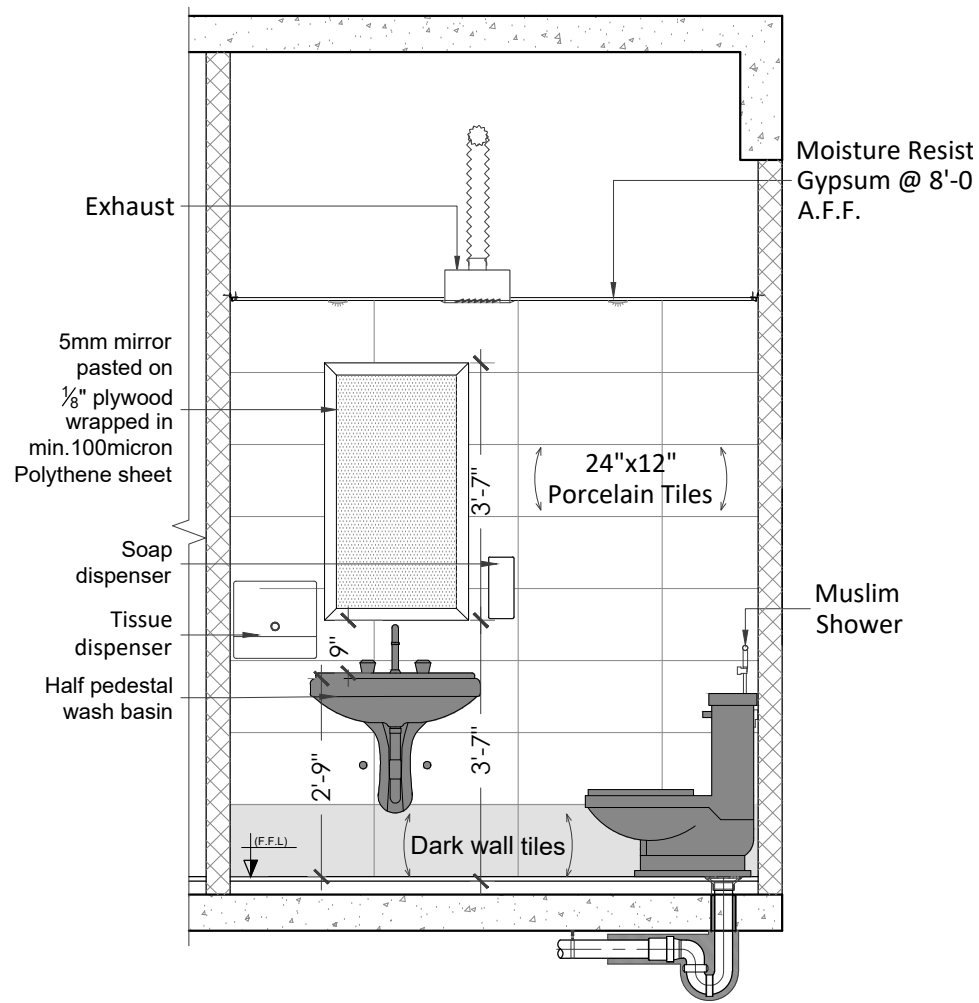
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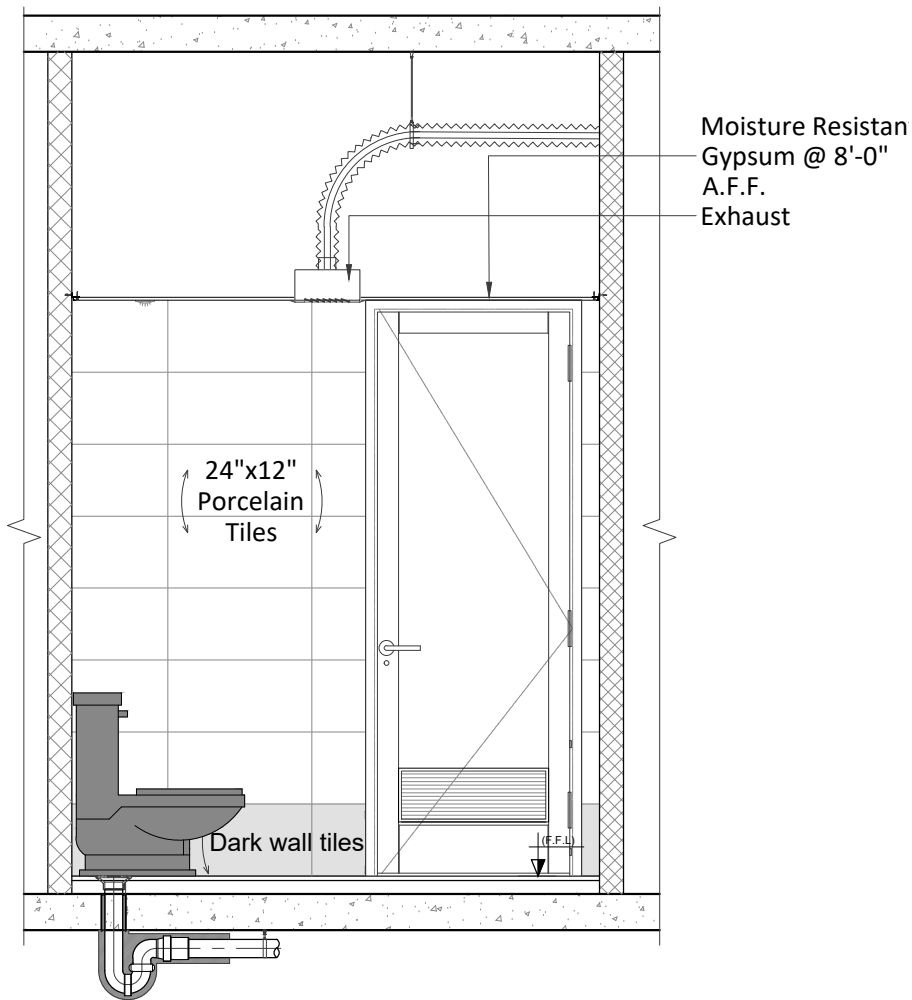
PARTITION KEY		
6" MASONRY WALL		
8" MASONRY WALL		
4" MASONRY WALL		
R.C.C COLUMN		
R.C.C WALL		
CEMENT BOARD 4" THICK		
2" INSULATION		

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

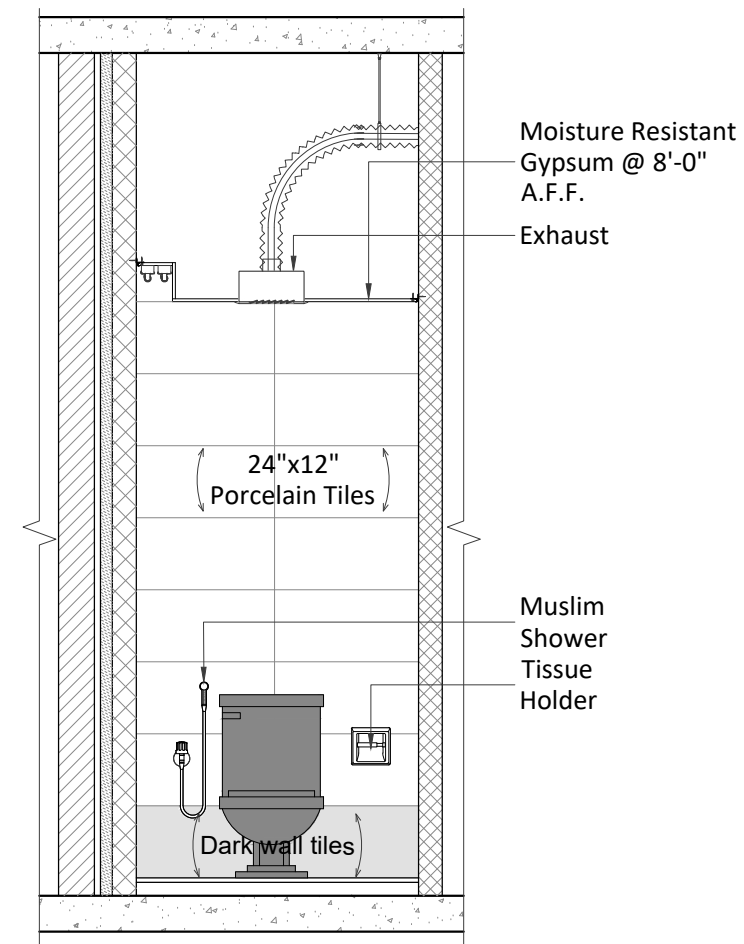
CLIENT		
HABIB BANK LIMITED		
Address		
PLOT NO 69-C,National Highway, PH.II		
TITLE		
TOILET 2 FIRST FLOOR		
SCALE		DATE
1/2"= 1'-0"		Mar '25
DWG. NO.	A-09	SHEET 5 of 18
		REV.



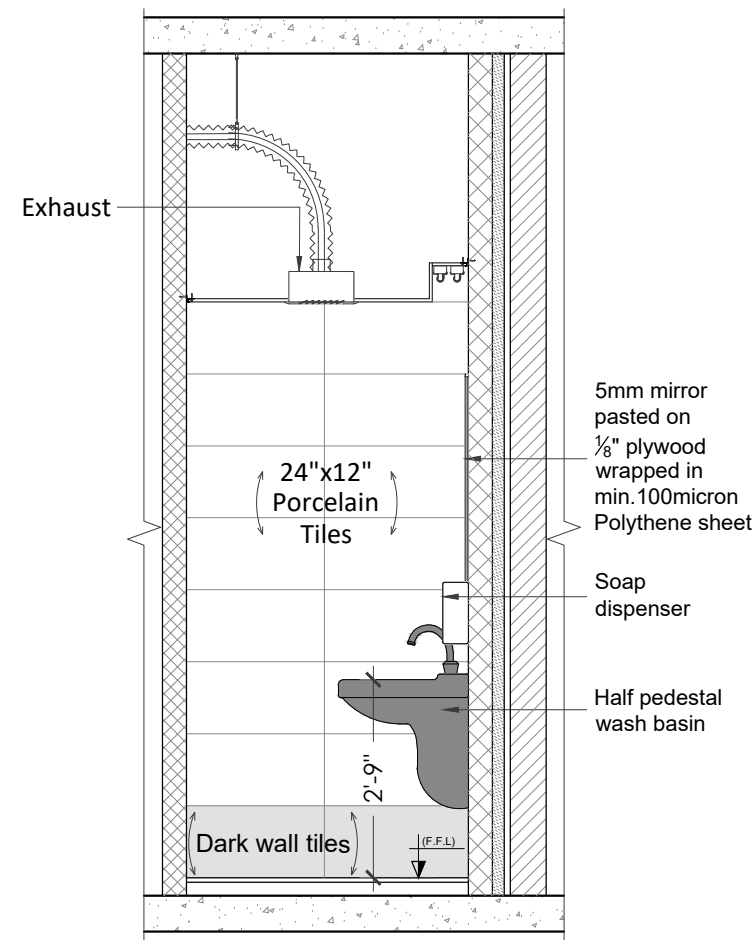
ELEVATION 1



ELEVATION 3



ELEVATION 2



ELEVATION 4

CLIENT

HBL
69-C,National Highway, PH.II

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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

**PLOT NO
69-C,National Highway, PH.II**

TITLE

ELEVATION

SCALE

3/8" = 1'-0"

DATE

Mar '25

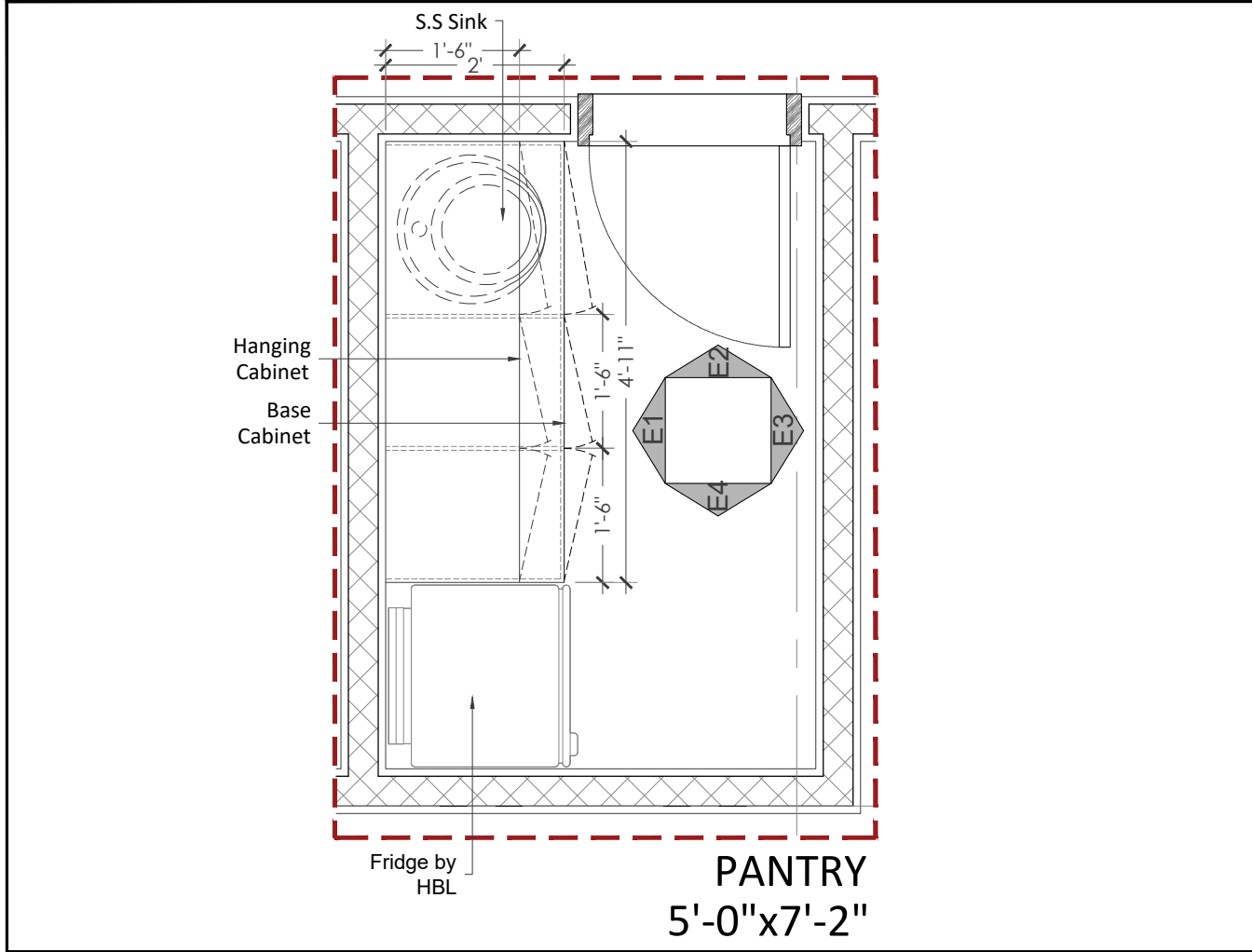
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A-09

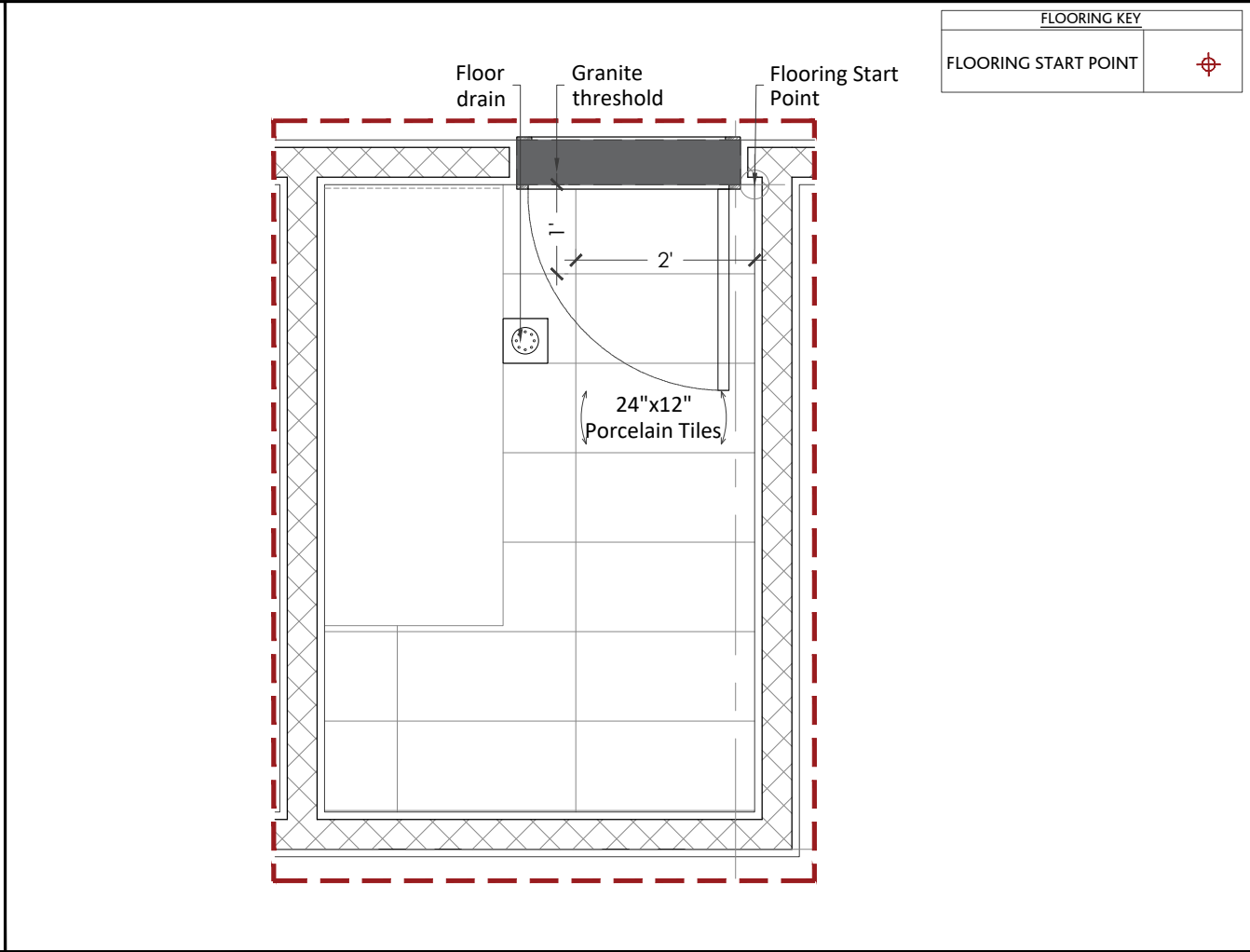
SHEET

REV.

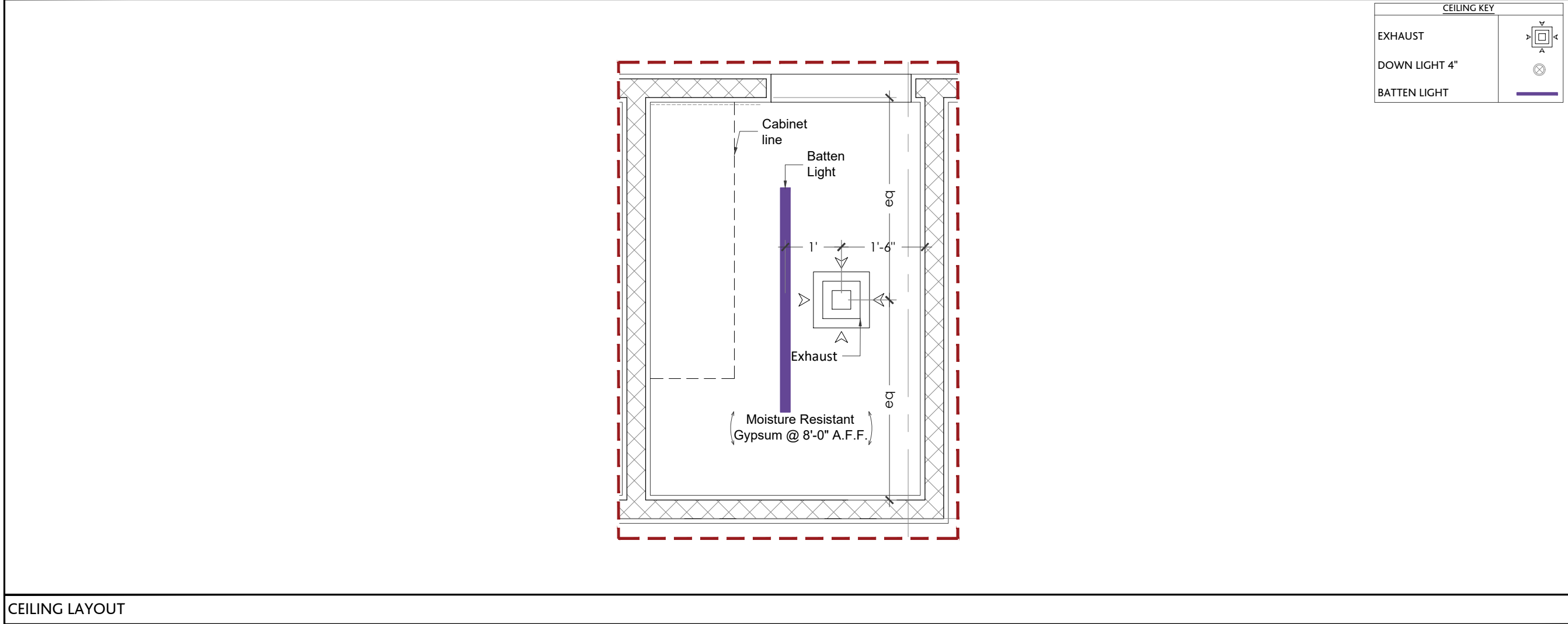
6
of
18



FIXTURE LAYOUT



FLOORING LAYOUT



FLOORING KEY	
FLOORING START POINT	

CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

COLLABORATIVE DESIGN

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8" MASONRY WALL		
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R.C.C WALL		
CEMENT BOARD 4" THICK		
2" INSULATION		

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

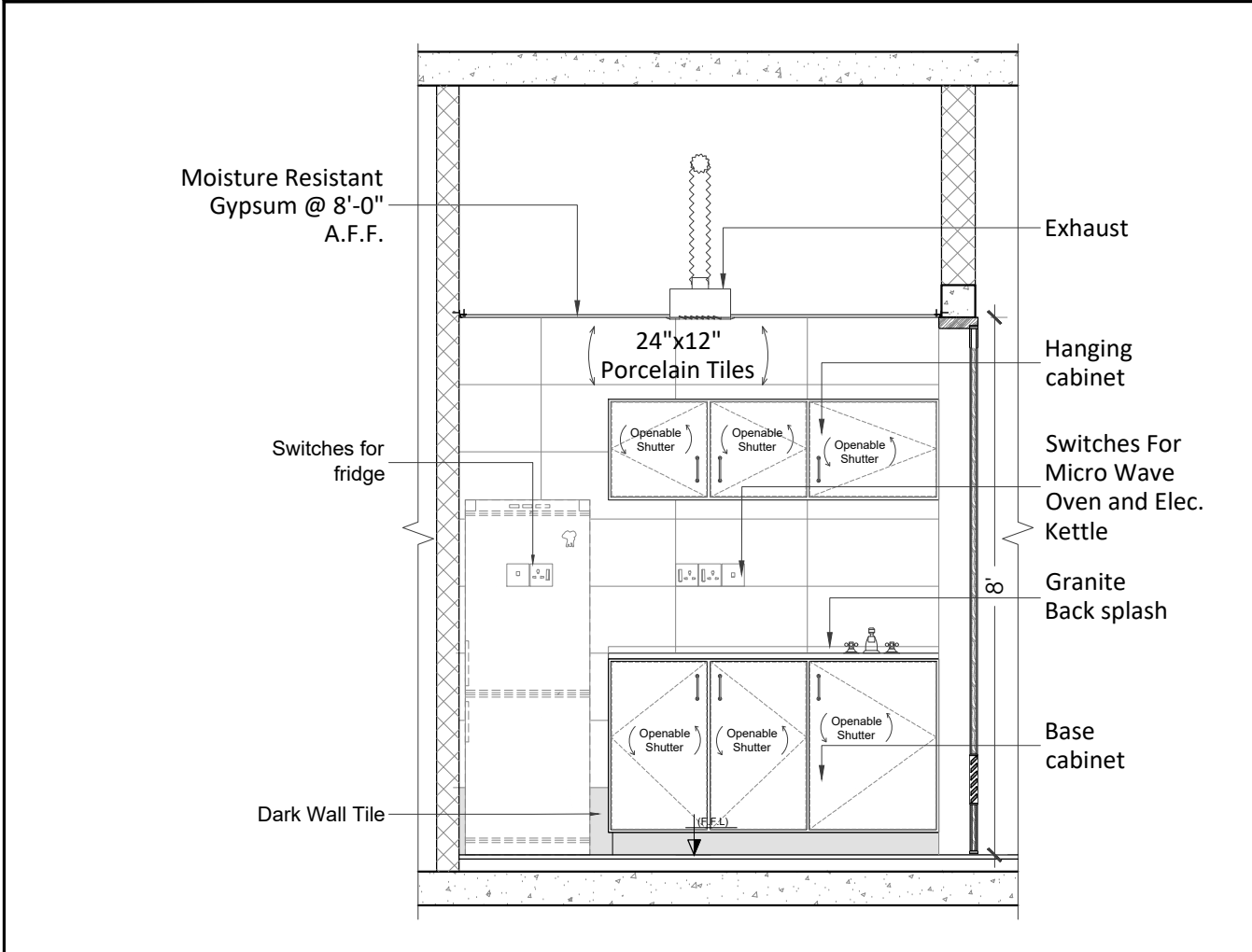
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69-C,National Highway, PH.II

TITLE

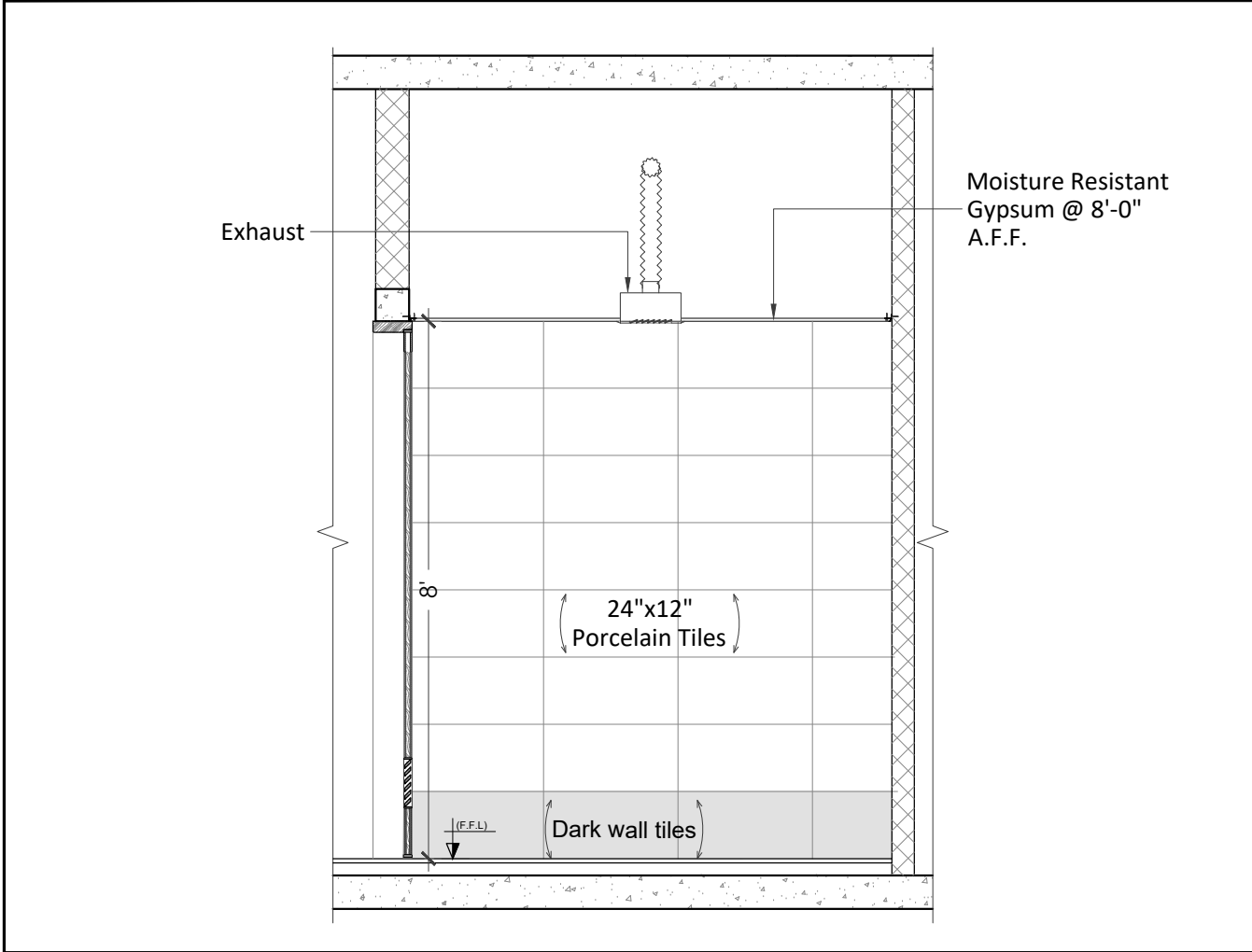
PANTRY
FIRST FLOOR

SCALE	DATE
1/8"= 1'-0"	Mar '25

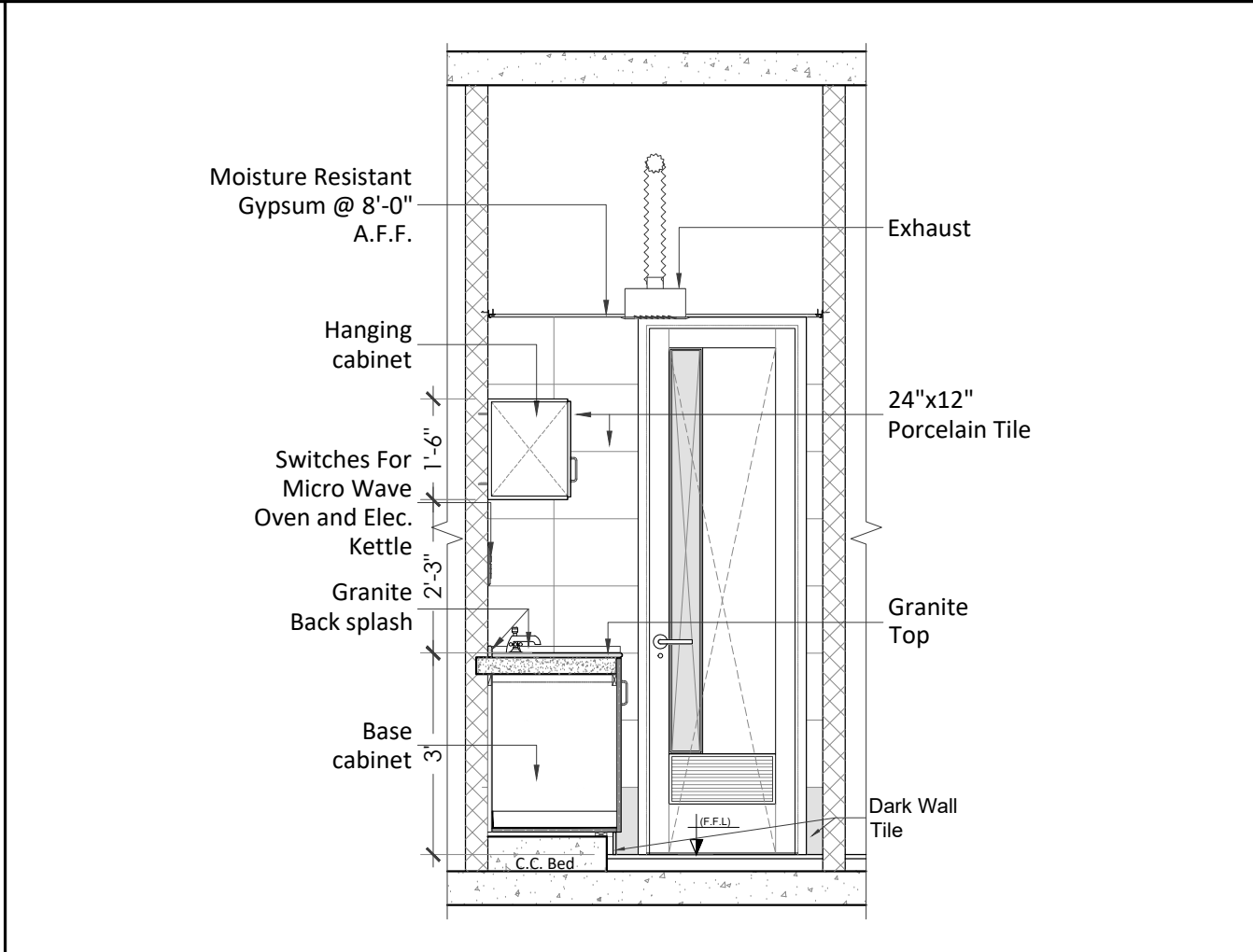
DWG. NO.	A-09	SHEET	7 of 18	REV.
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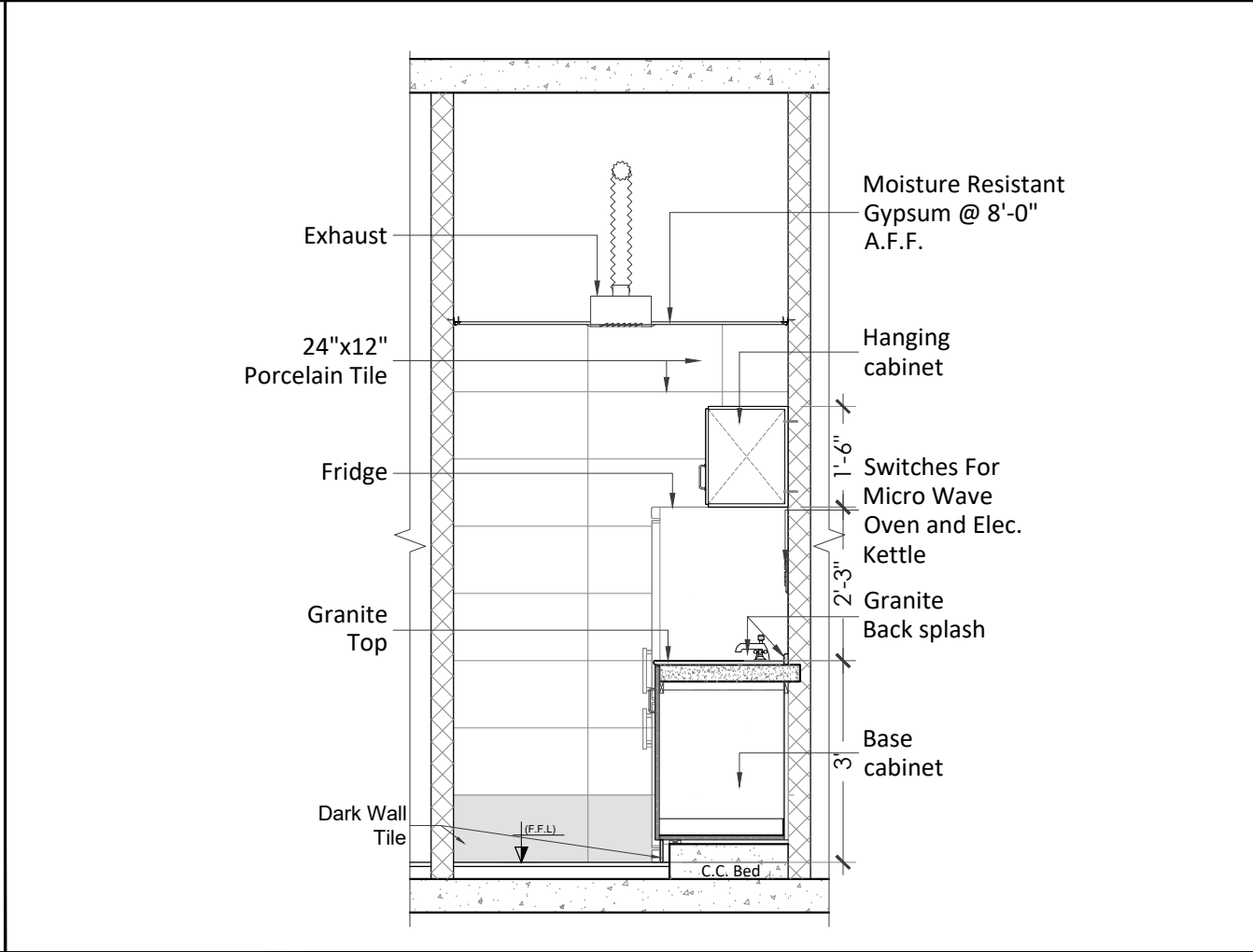
ELEVATION 1



ELEVATION 3



ELEVATION 2



ELEVATION 4

CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

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NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

ELEVATION

SCALE

DATE

3/8"= 1'-0"

Mar '25

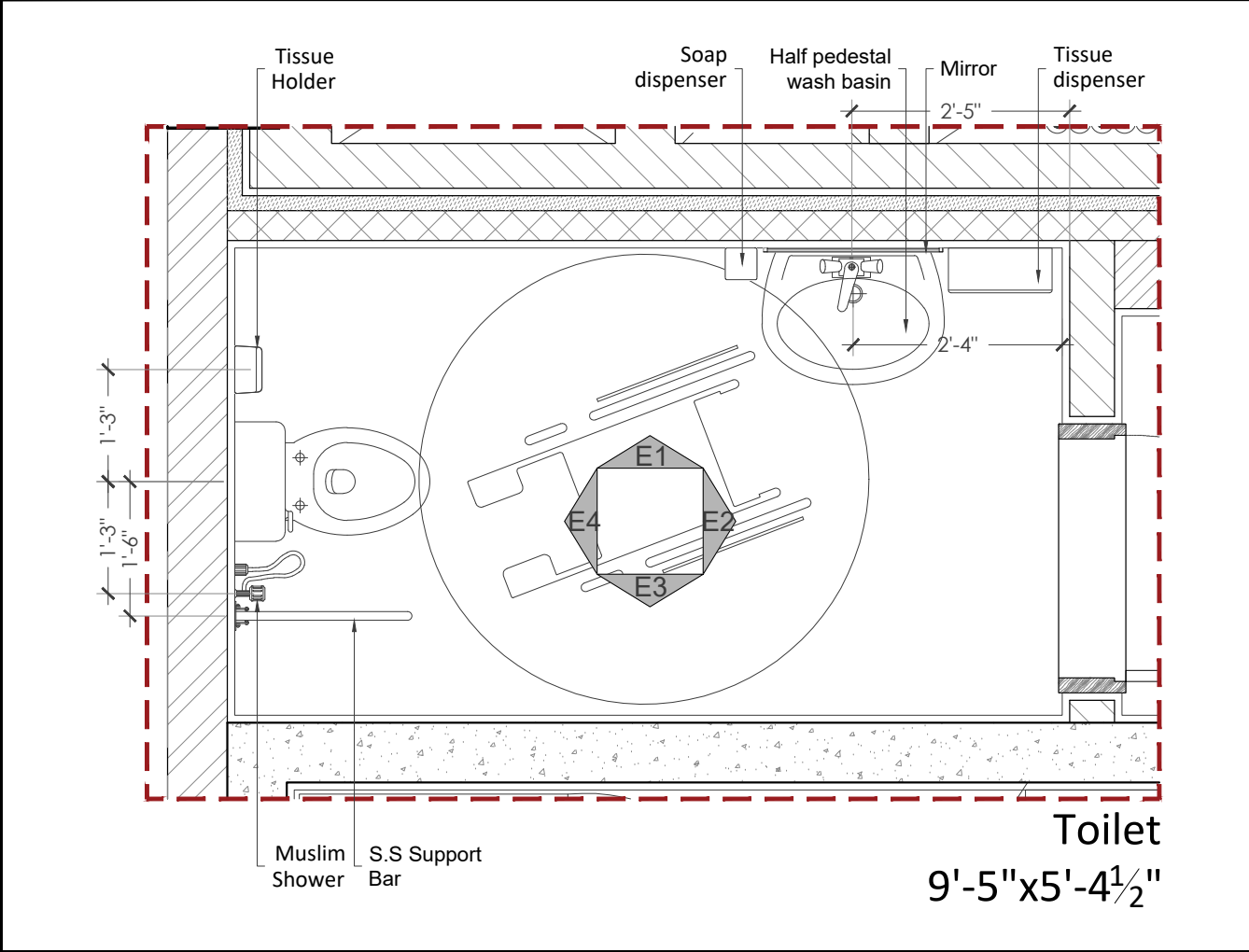
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SHEET

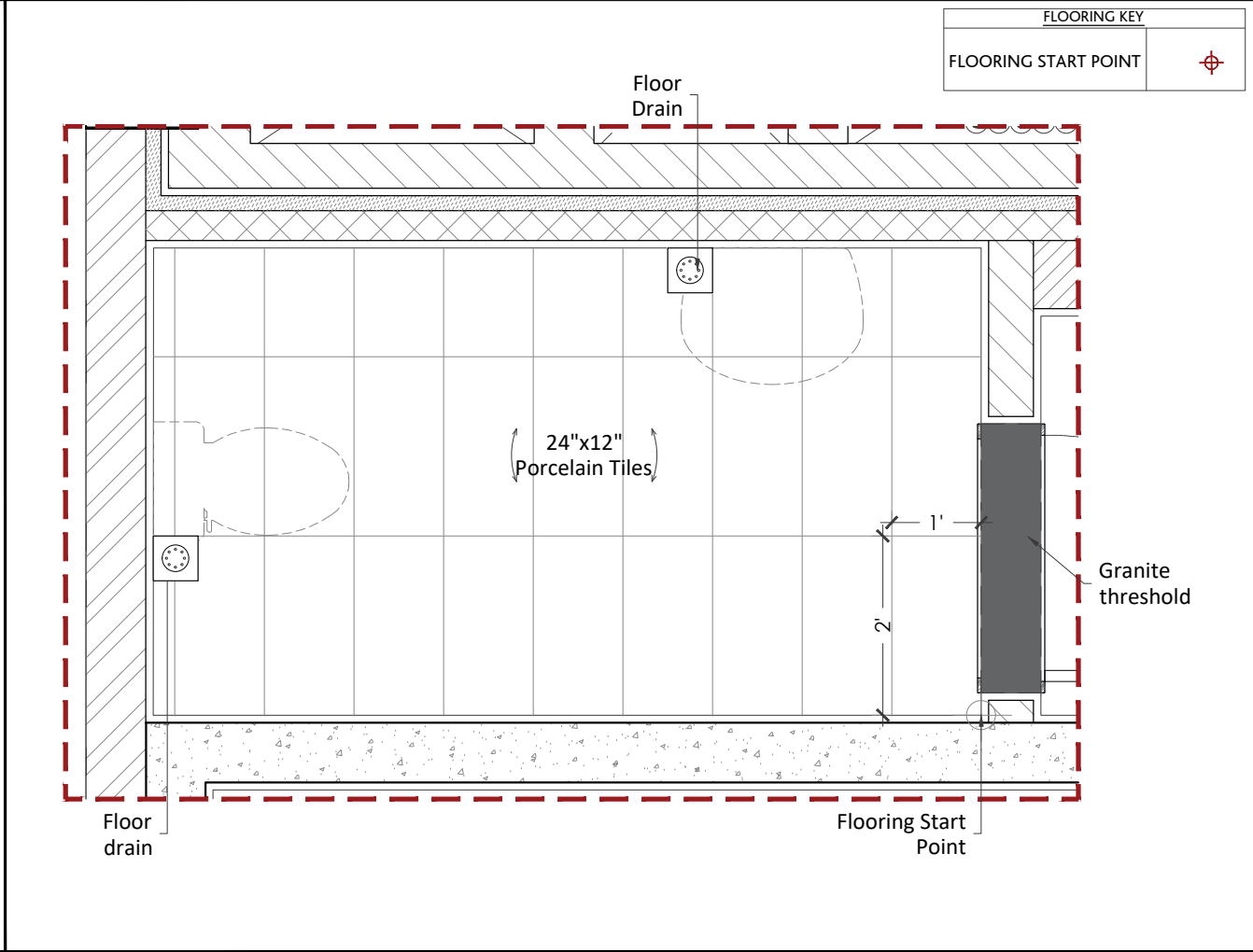
REV.

A-09

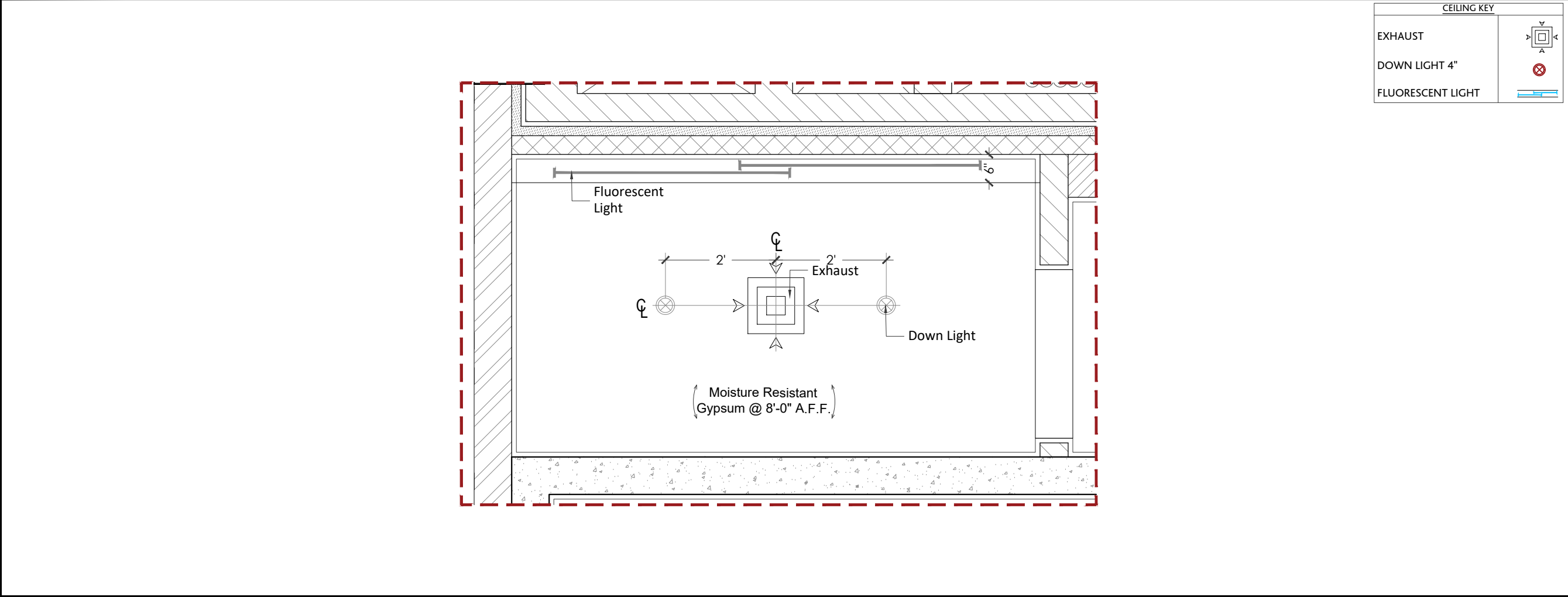
8 of 18



FIXTURE LAYOUT



FLOORING LAYOUT



CEILING LAYOUT

CLIENT

HBL
69-C,National Highway, PH.II

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ISSUE FOR Construction

24-3-25

NO.

REVISION/ISSUE

DATE

CLIENT

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PLOT NO
69-C,National Highway, PH.II

TITLE

TOILET 1
SECOND FLOOR

SCALE

1/2"= 1'-0"

DATE

Mar '25

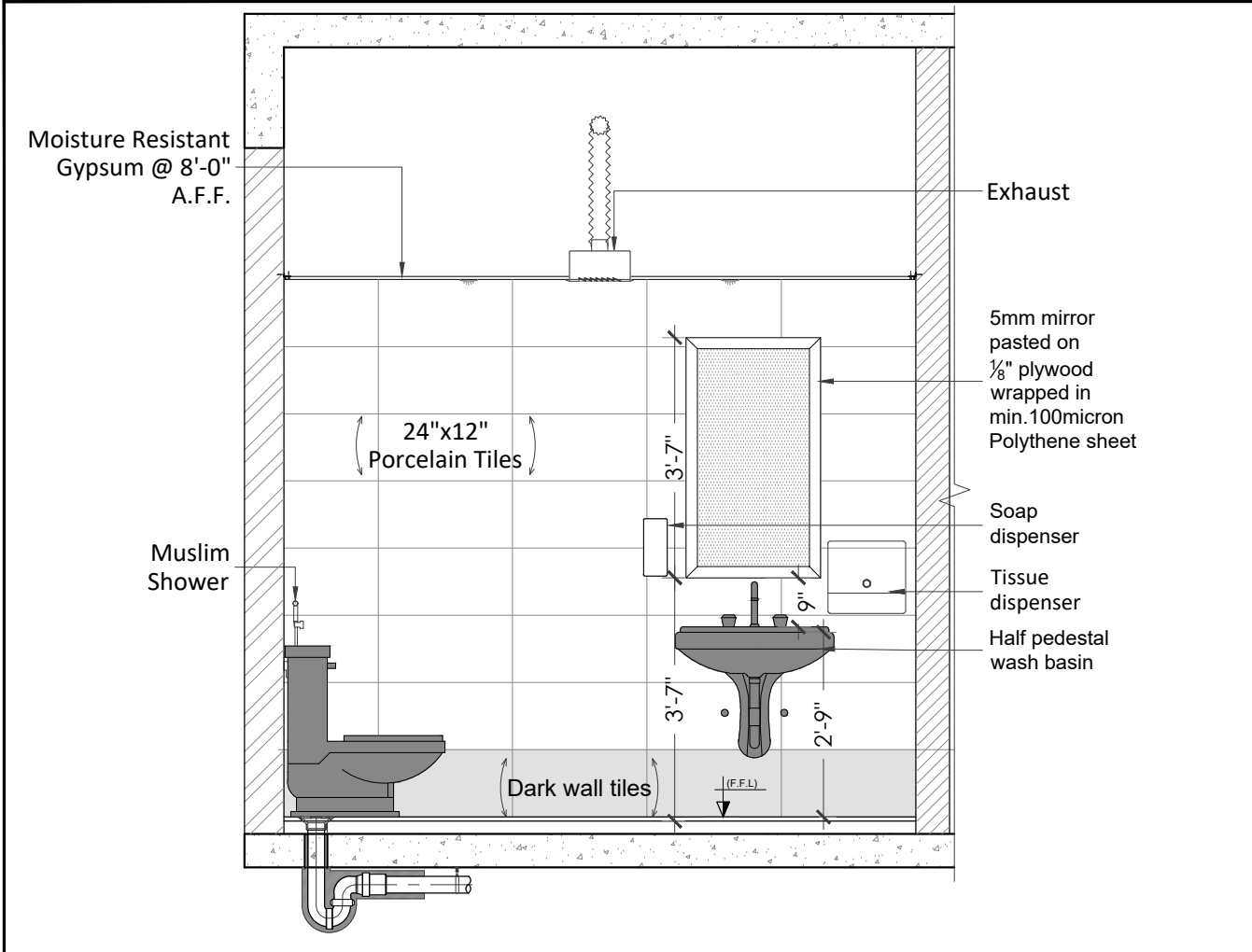
DWG. NO.

A-09

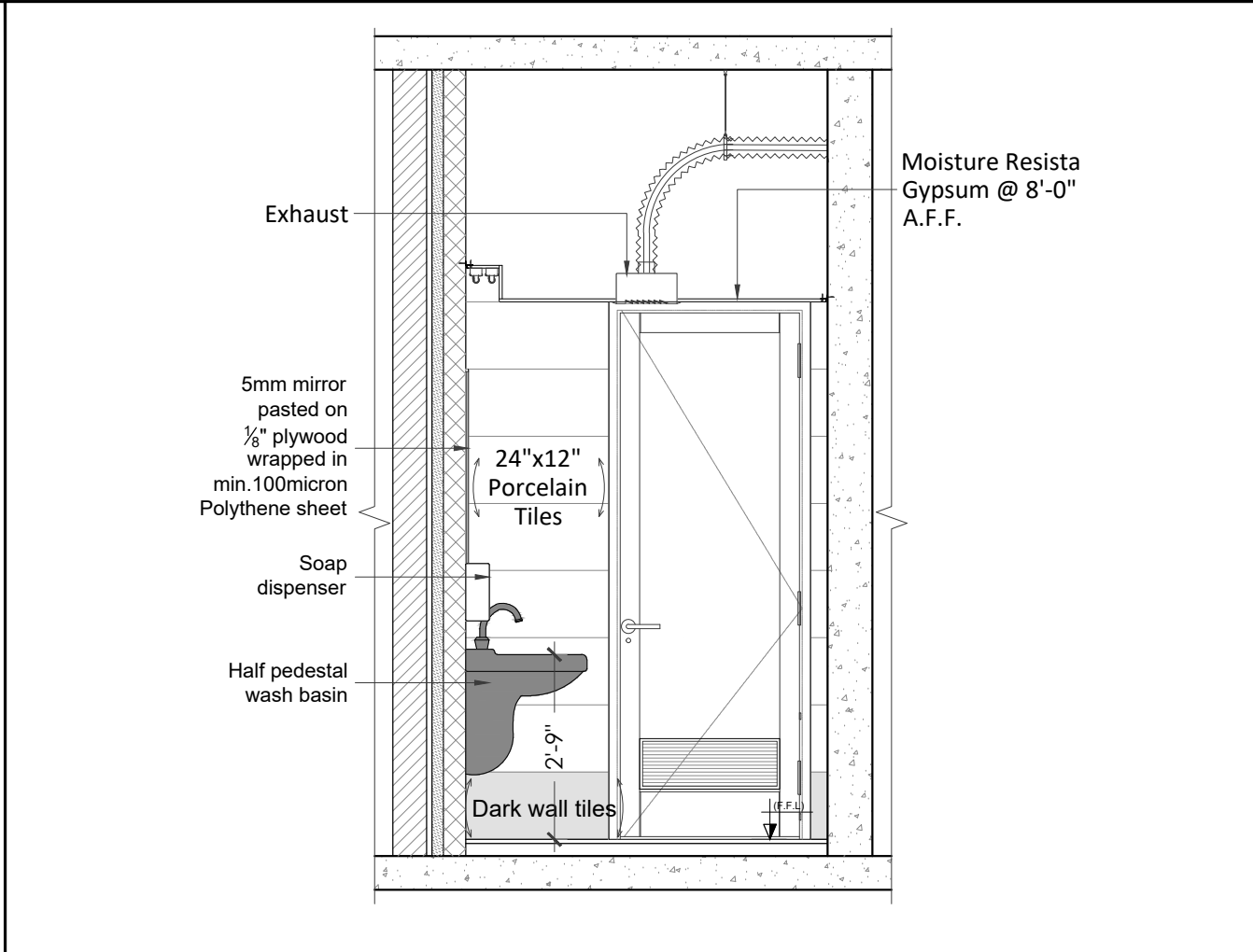
SHEET

9
of
18

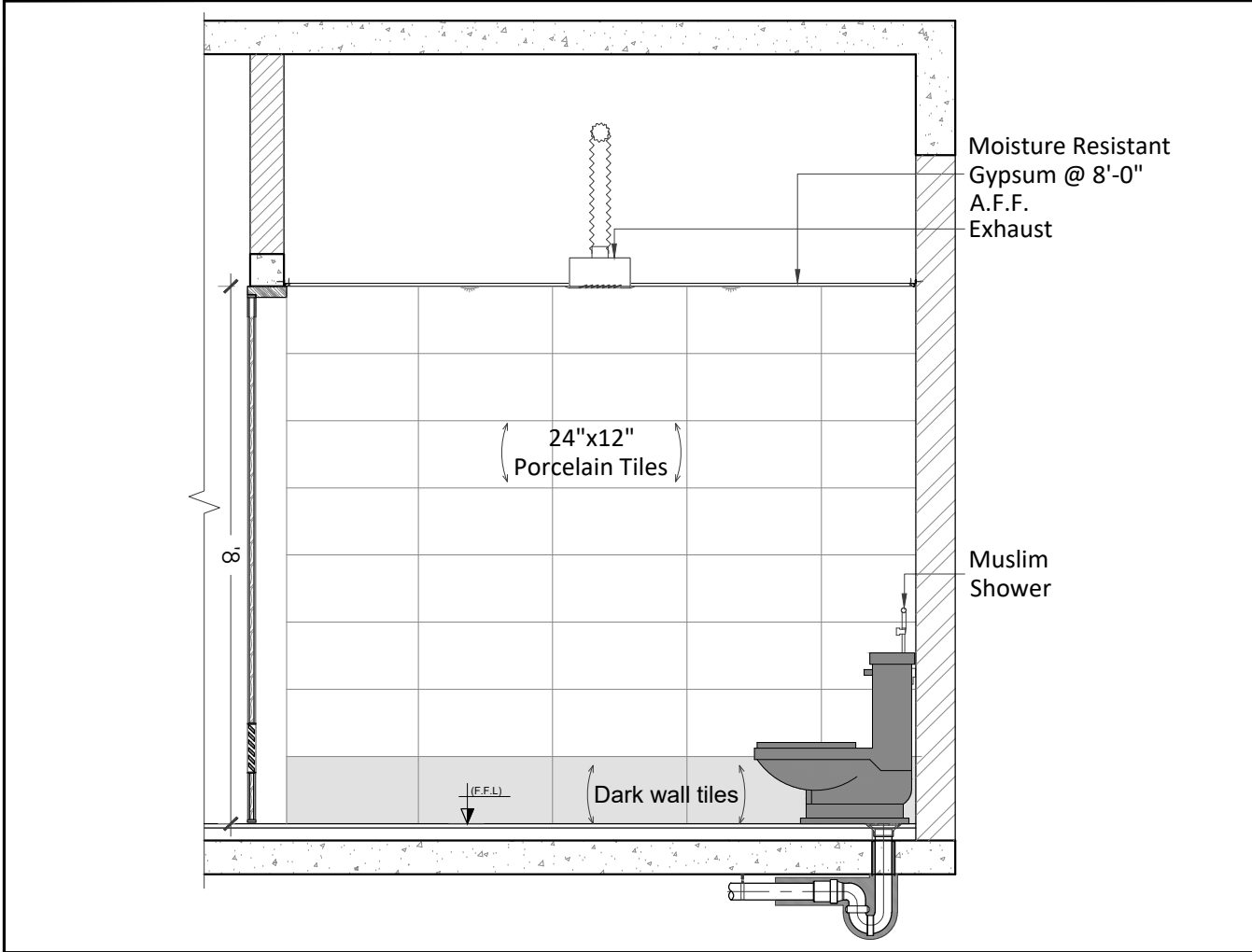
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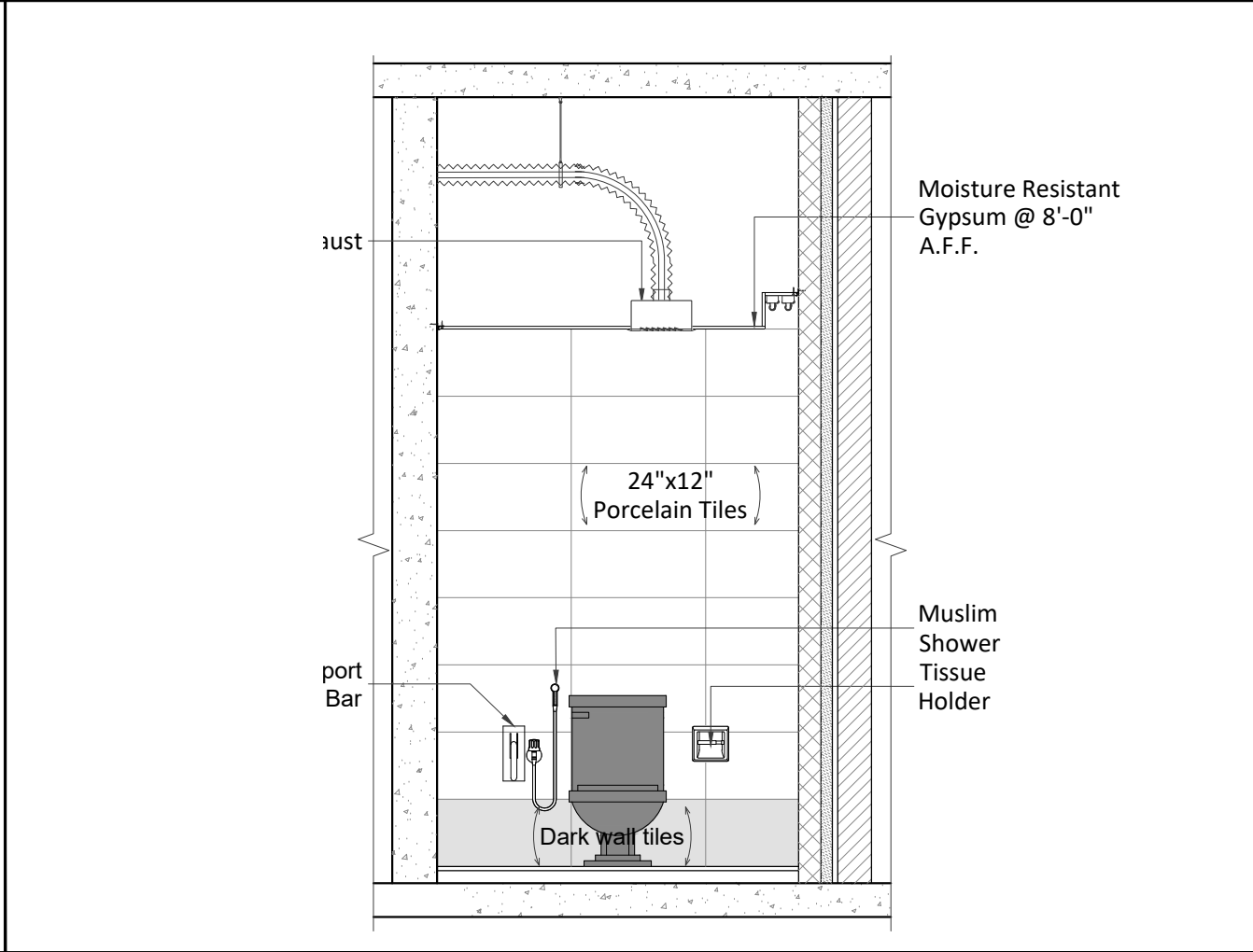
ELEVATION 1



ELEVATION 2



ELEVATION 3



ELEVATION 4

CLIENT

HBL
69-C,National Highway, PH.II

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COLLABORATIVE
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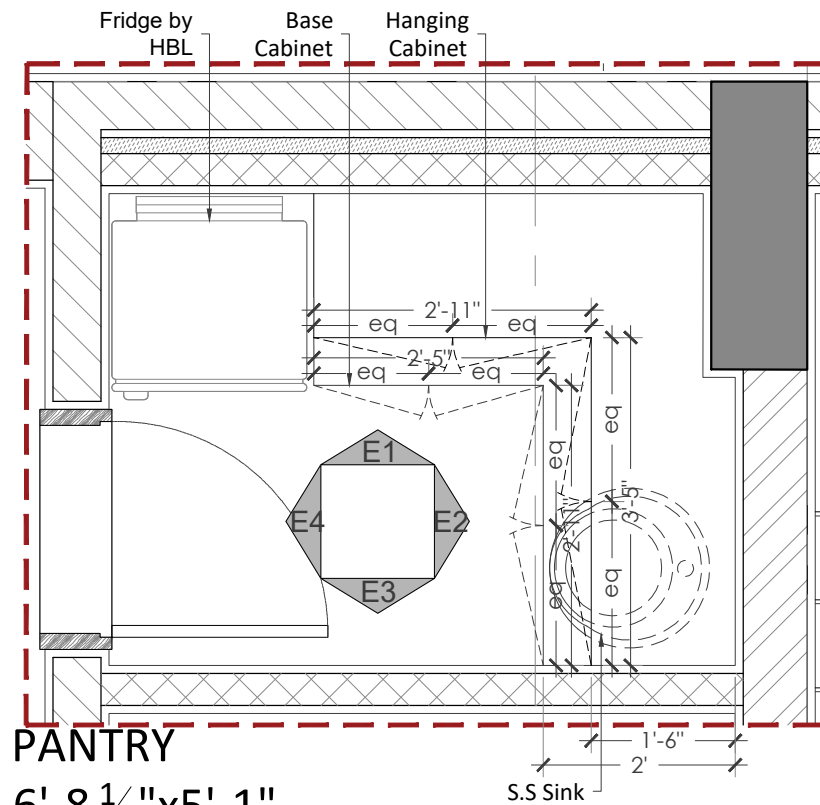
**PLOT NO
69-C,National Highway, PH.II**

TITLE

ELEVATION

SCALE	DATE
3/8" = 1'-0"	Mar '25

DWG. NO.	A-09	SHEET	10 of 18	REV.
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PANTRY

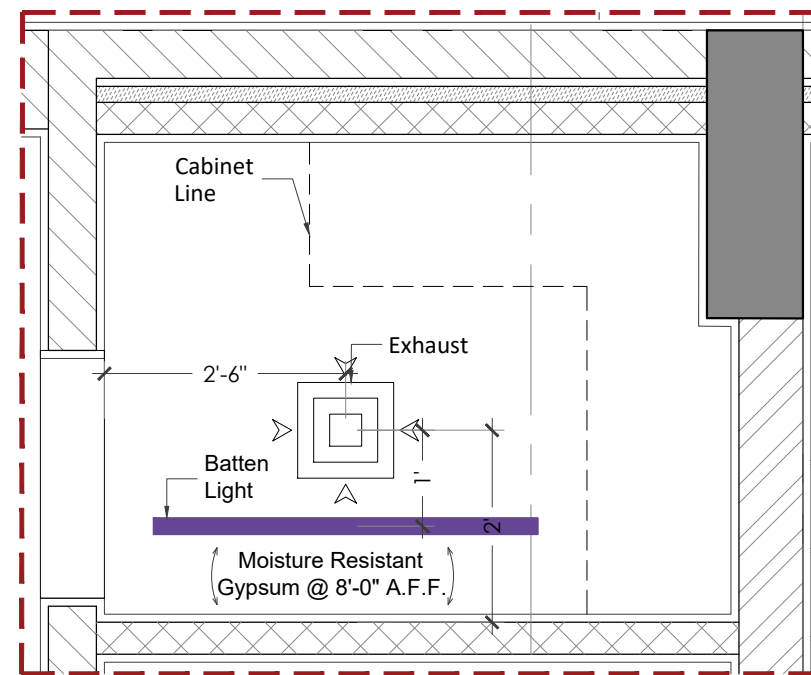
6'-8 1/2"x5'-1"



Flooring Start Point

Floor
drain

24"x12"
Porcelain Tiles



FIXTURE LAYOUT

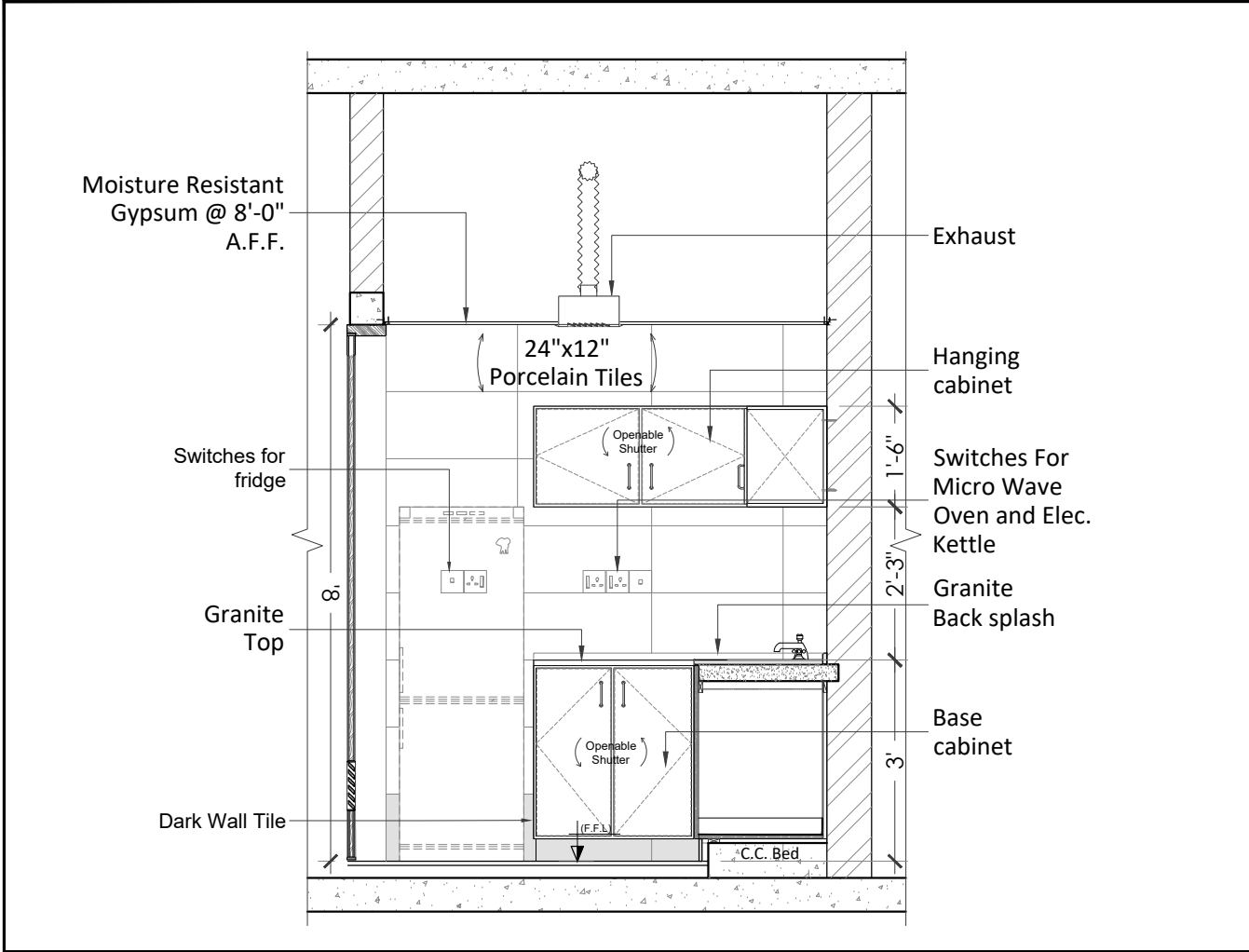
FLOORING LAYOUT

CEILING LAYOUT

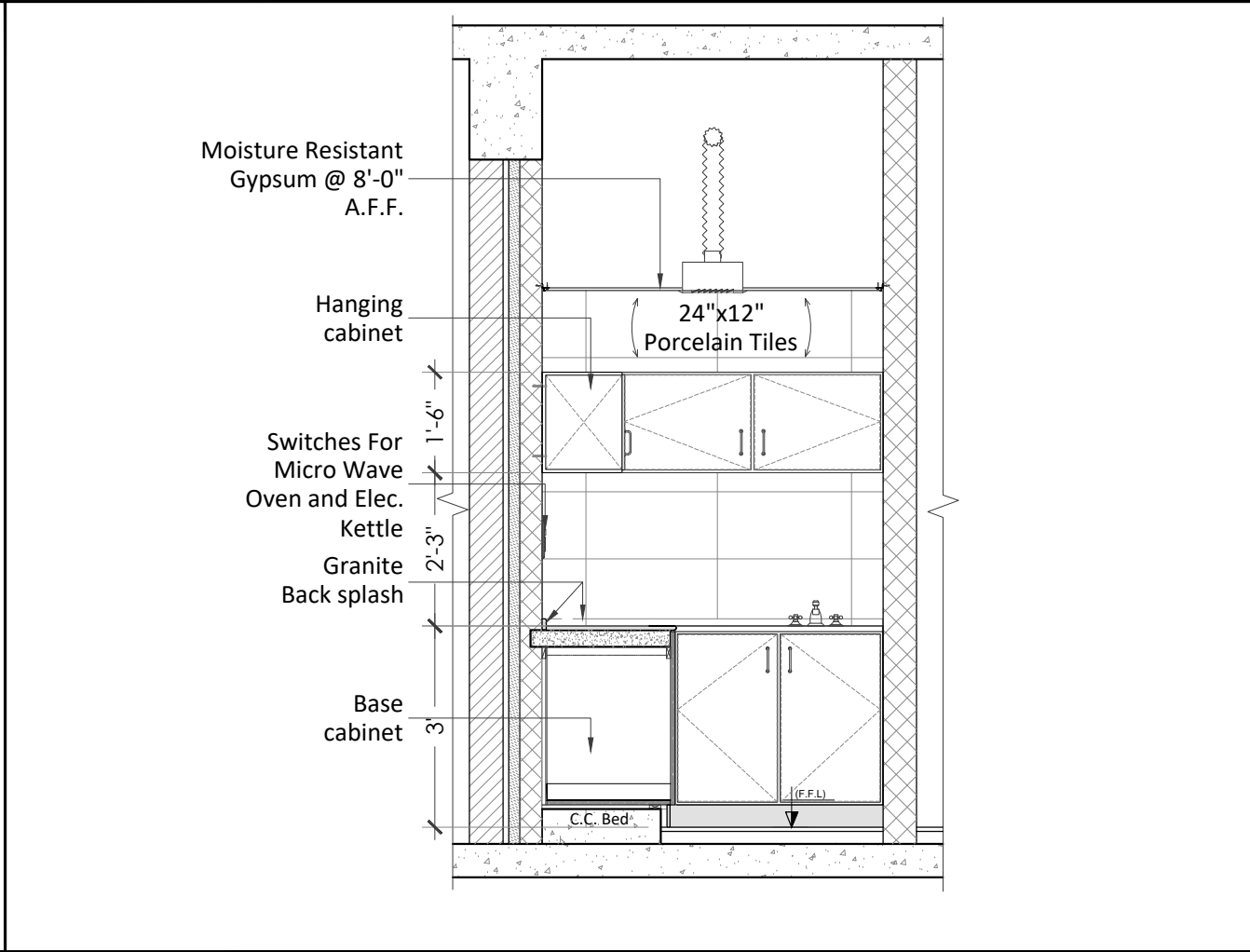
FLOORING KEY	
FLOORING START POINT	

CEILING KEY	
EXHAUST	
DOWN LIGHT 4"	
BATTEN LIGHT	

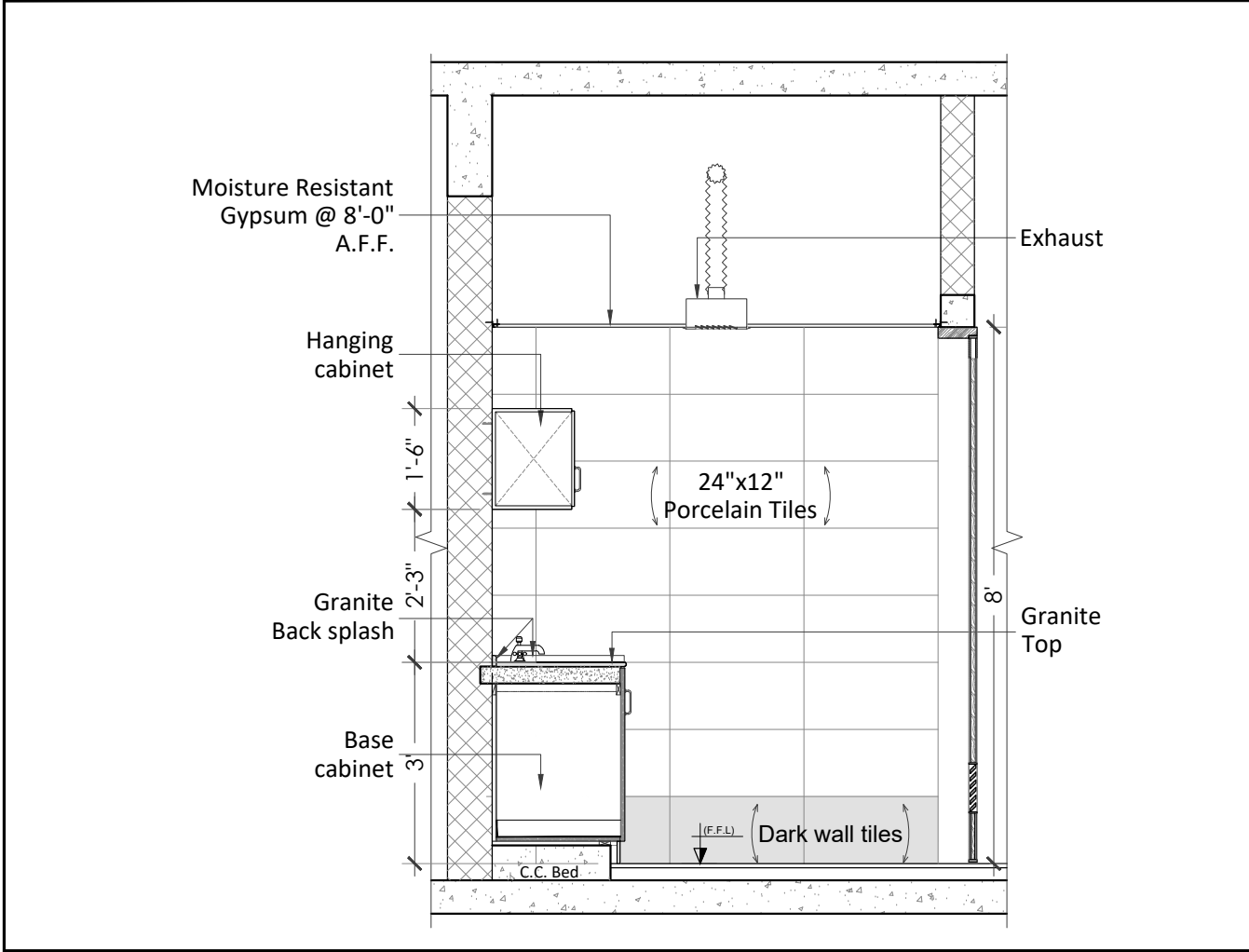
CLIENT			
HBL 69-C,National Highway, PH.II			
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4" MASONRY WALL			
R.C.C COLUMN			
R.C.C WALL			
CEMENT BOARD 4" THICK			
2" INSULATION			
01	ISSUE FOR Construction	24-3-25	
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<u>CLIENT</u>			
HABIB BANK LIMITED			
<u>Address</u>			
PLOT NO			
69-C,National Highway, PH.II			
<u>TITLE</u>			
PANTRY SECOND FLOOR			
<u>SCALE</u>		<u>DATE</u>	
1/2"= 1'-0"		Mar '25	
DWG. NO.	A-09	SHEET	REV.
		11 of 18	



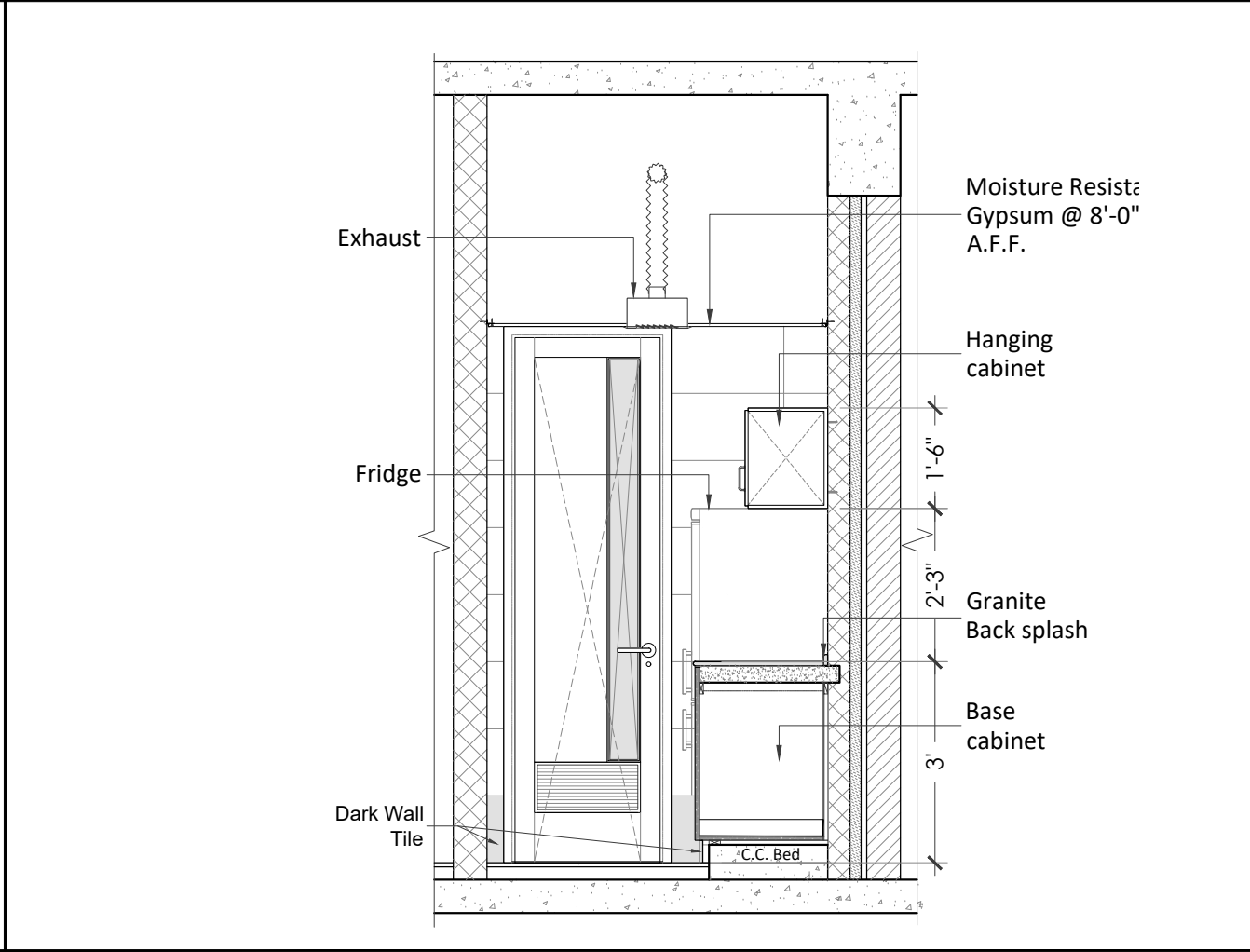
ELEVATION 1



ELEVATION 2

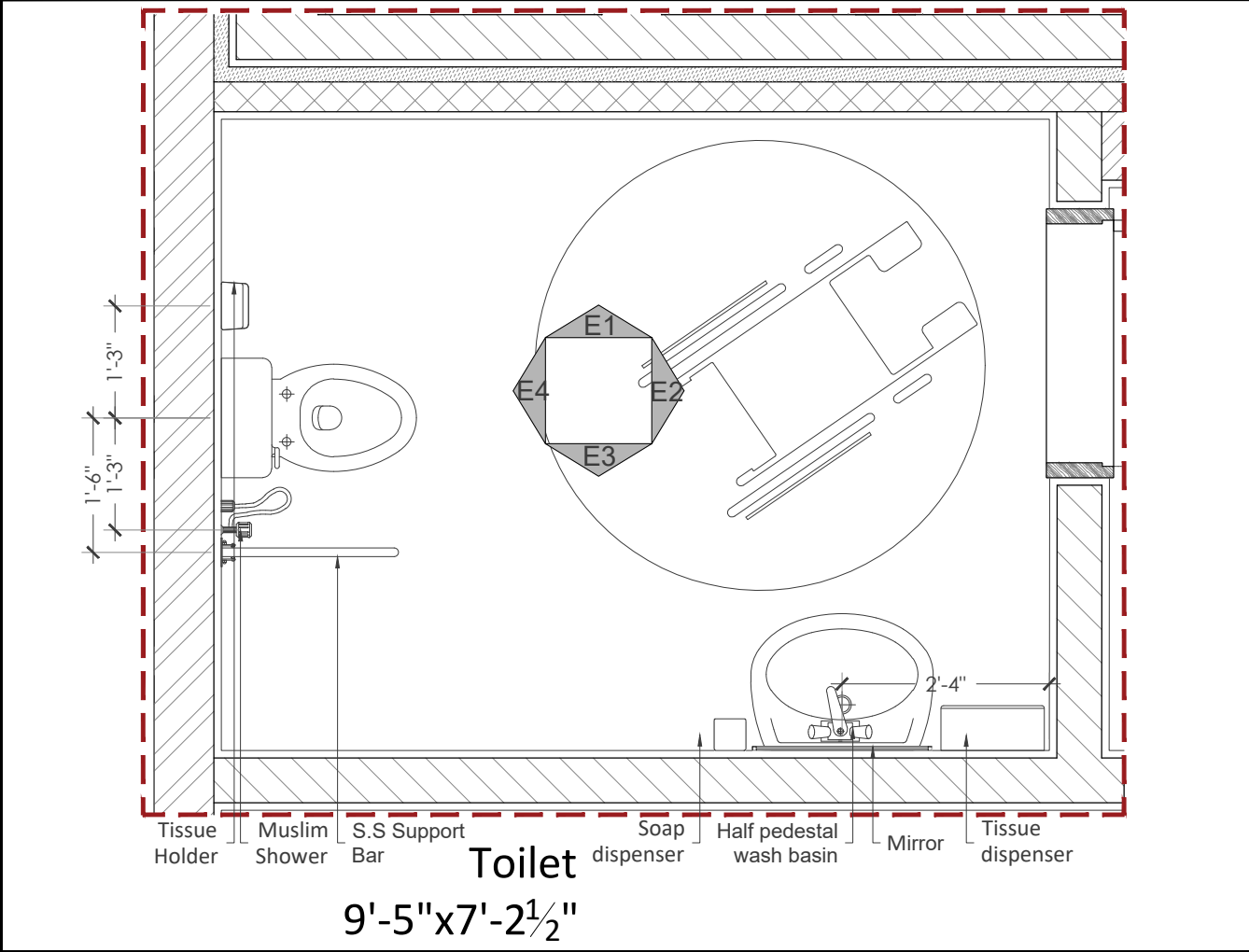


ELEVATION 3

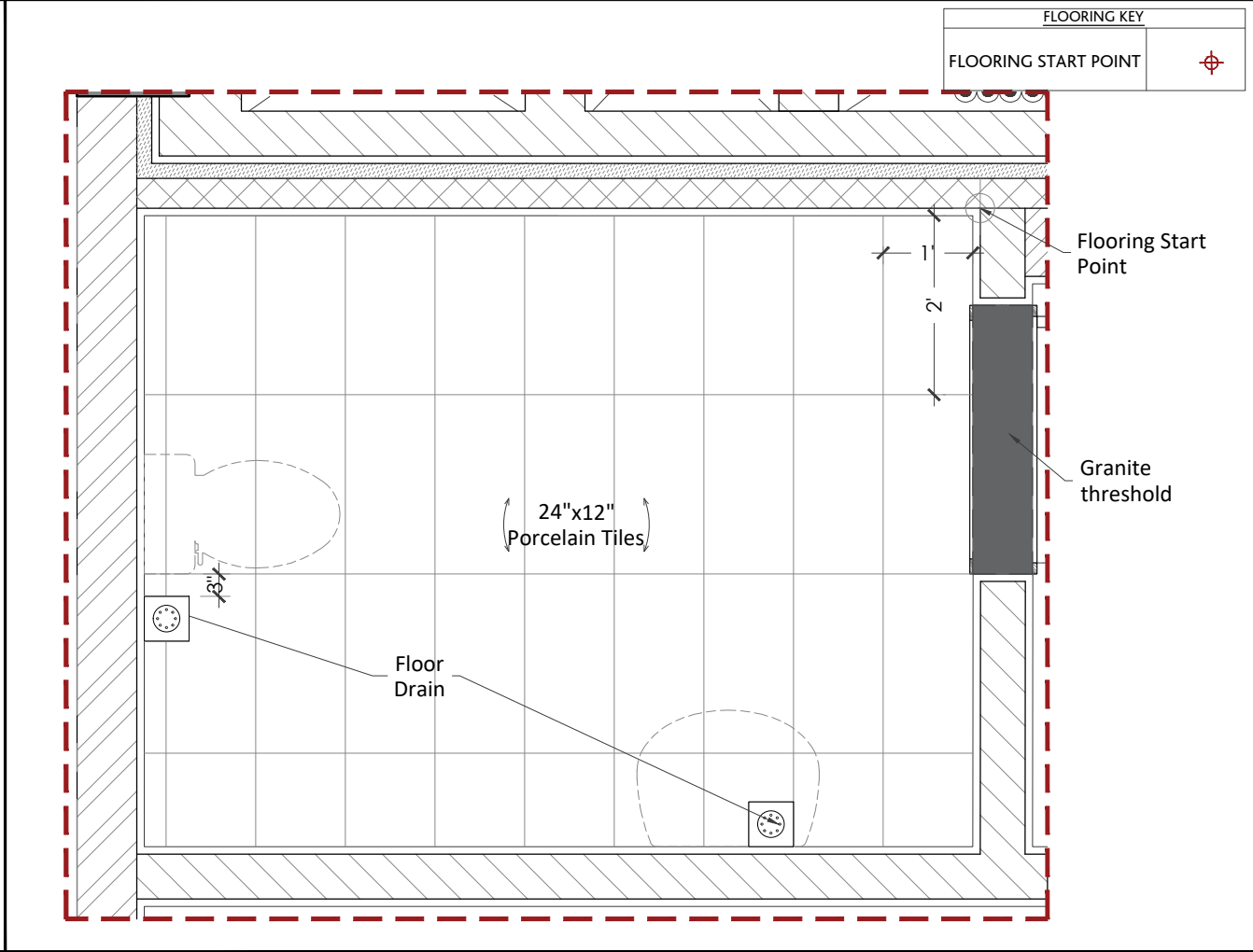


ELEVATION 4

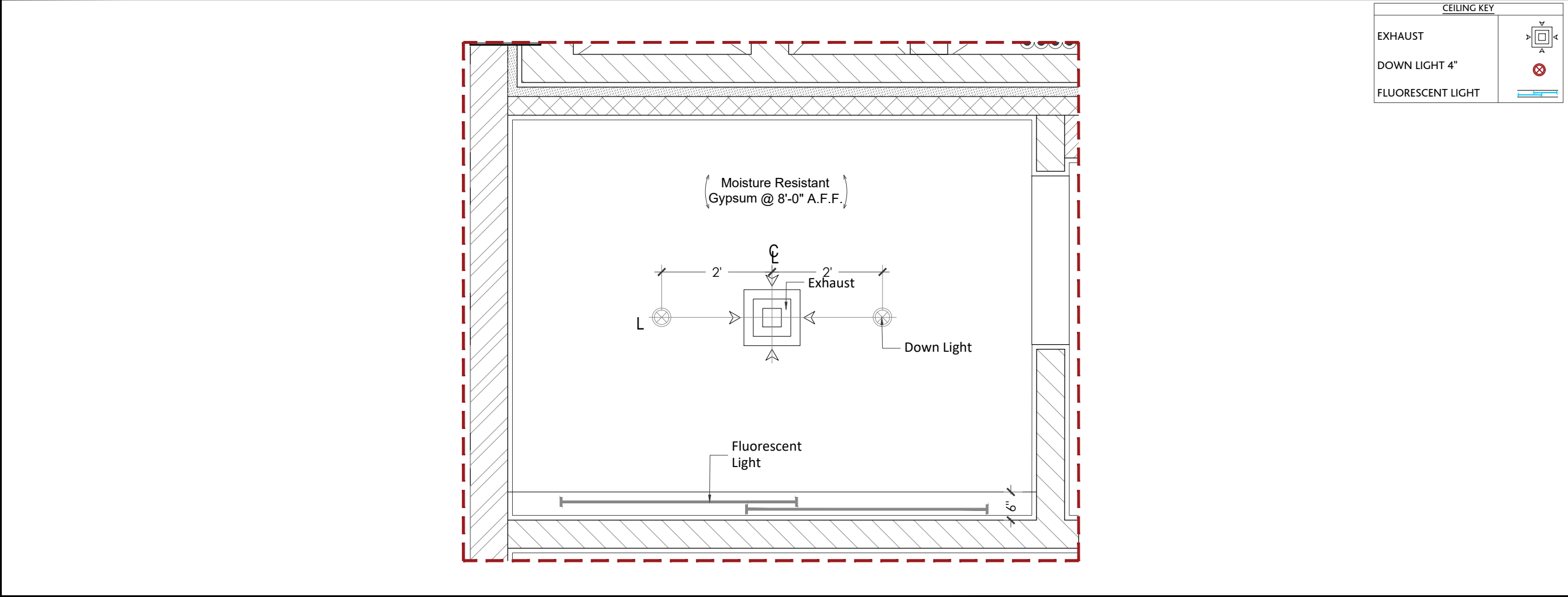
CLIENT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer:  ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI TEL: 021-34988461-34980871, FAX:34985907			
HVAC AND PLUMBING CONSULTANTS			
 FAHIM, NANJI & DESOUZA Consulting Engineers HVAC, Plumbing, Mechanical 10, ILACO House, Abdullah Haroon Road, Karachi-74400 Pakistan Ph: (92-21) 563-7878-82 Fax: (92-21) 521-1634 Email: fahimnaji@cyber.net.pk			
NOTE:			
* ALL DIMENSIONS ARE IN FEET (') AND INCHES (")			
* ALL ERROR EMISSION TO BE REPORTED TO THE ARCHITECT DURING EXCECUITON WORK			
01	ISSUE FOR Construction	24-3-25	
NO.	REVISION/ISSUE	DATE	
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.II			
TITLE			
ELEVATION			
SCALE		DATE	
3/8"= 1'-0"		Mar '25	
DWG. NO.	A-09	SHEET	REV.
		12 of 18	



FIXTURE LAYOUT



FLOORING LAYOUT



CEILING LAYOUT

CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

STRUCTURE CONSULTANT'S

Engineer: ARIF & ASSOCIATES CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

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PARTITION KEY

6" MASONRY WALL

8" MASONRY WALL

4" MASONRY WALL

R.C.C COLUMN

R.C.C WALL

CEMENT BOARD 4" THICK

2" INSULATION

01

ISSUE FOR Construction

24-3-25

NO.

REVISION/ISSUE

DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

TOILET 01
3RD & 4TH FLOOR

SCALE

DATE

1/2"= 1'-0"

Mar '25

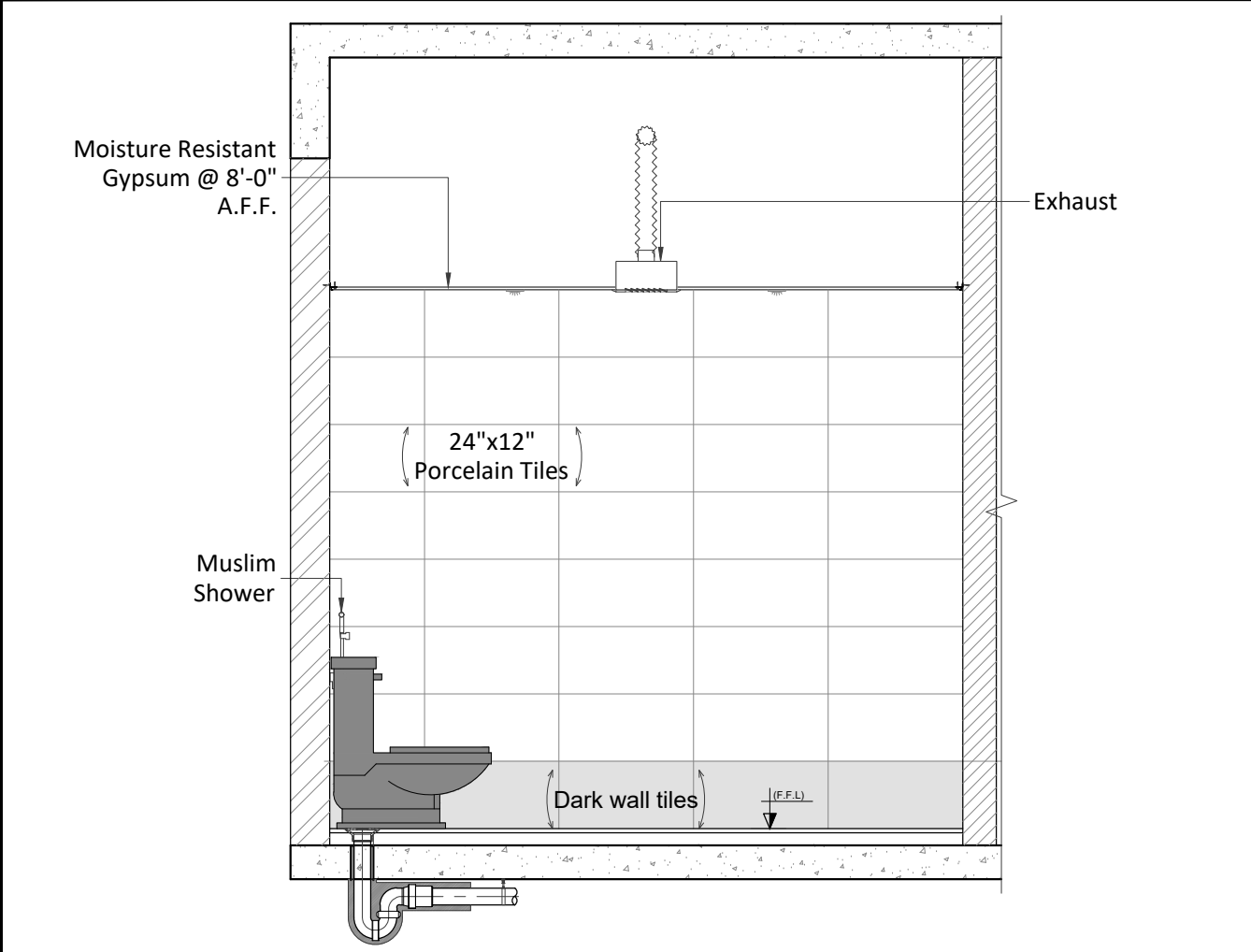
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A-09

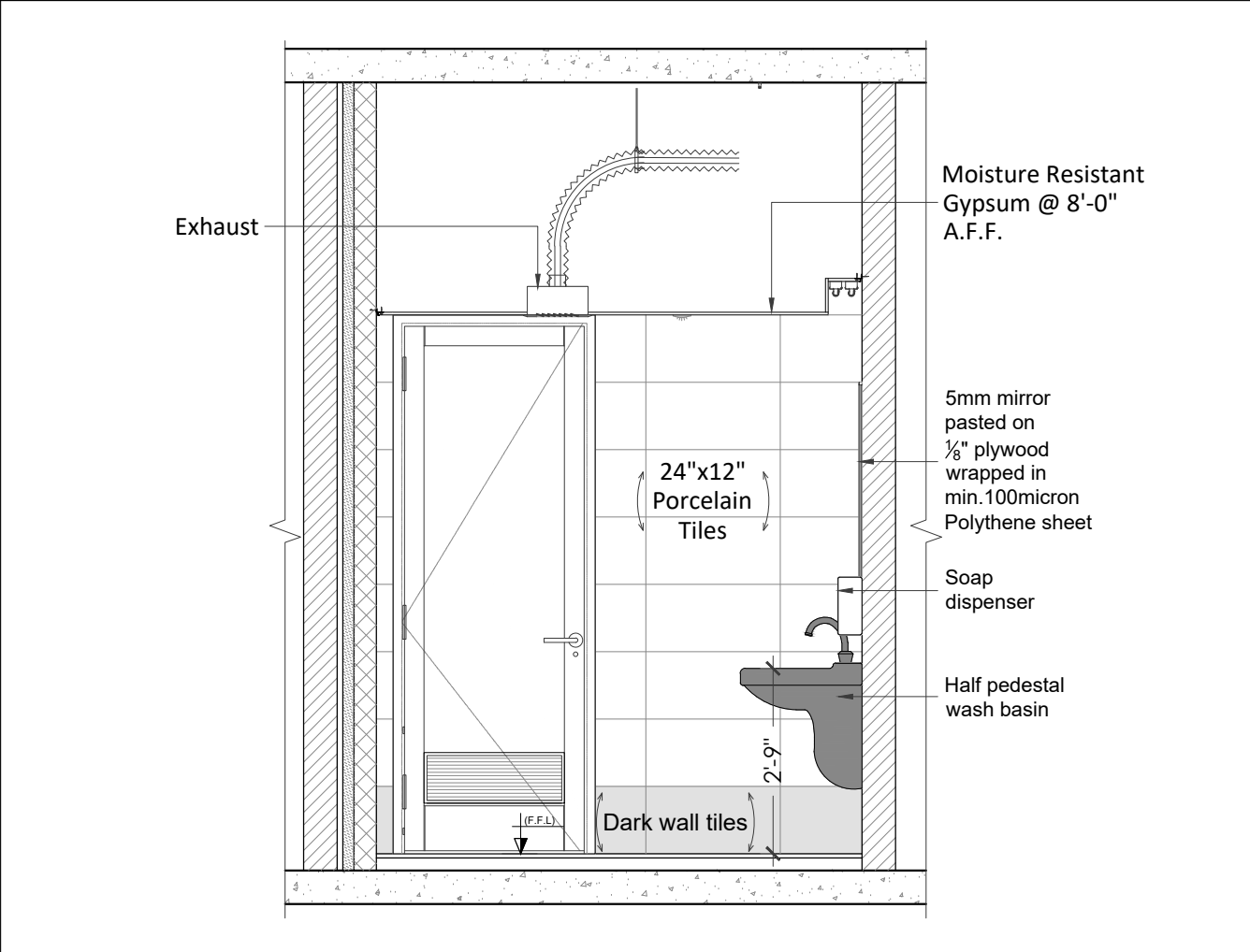
SHEET

13 of 18

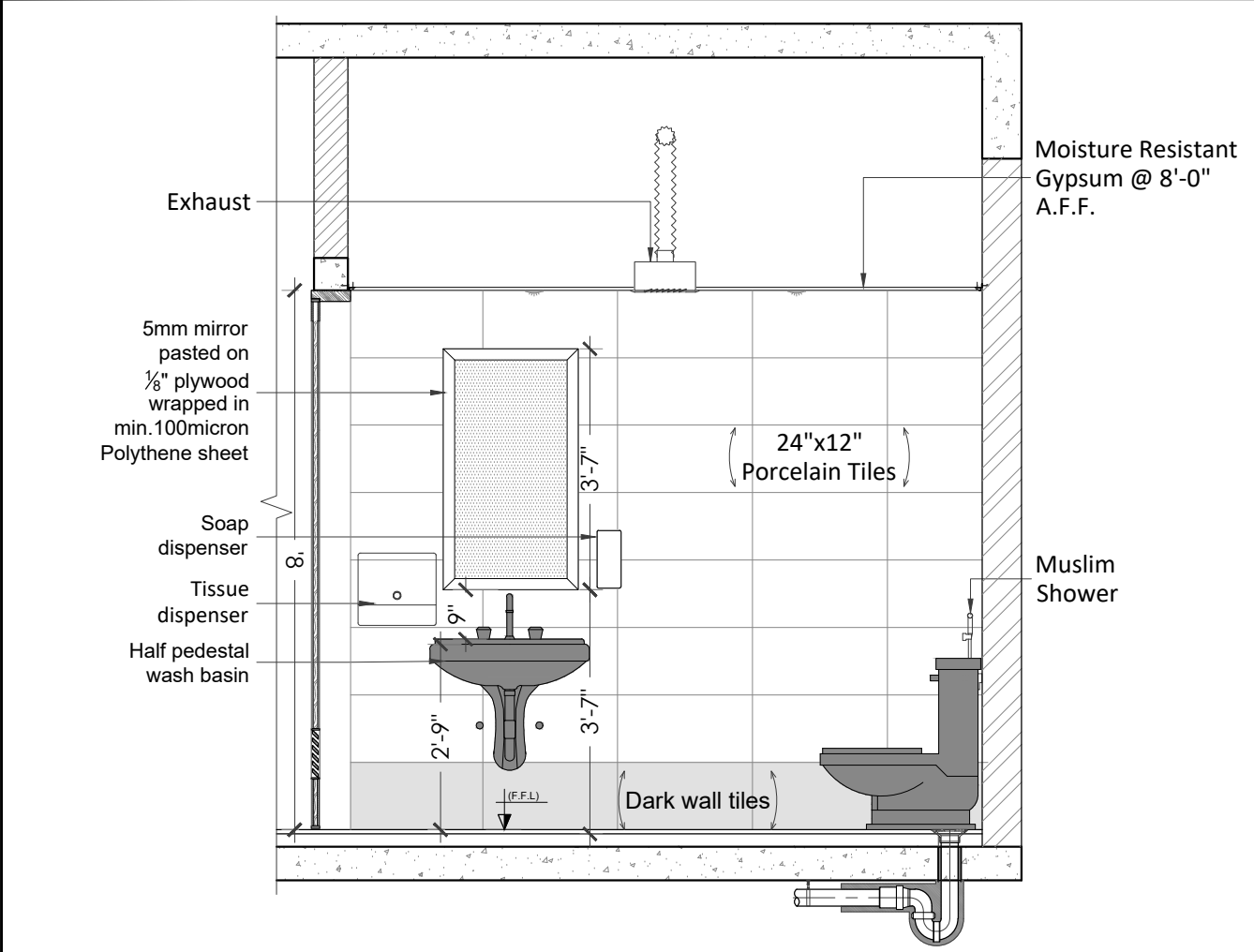
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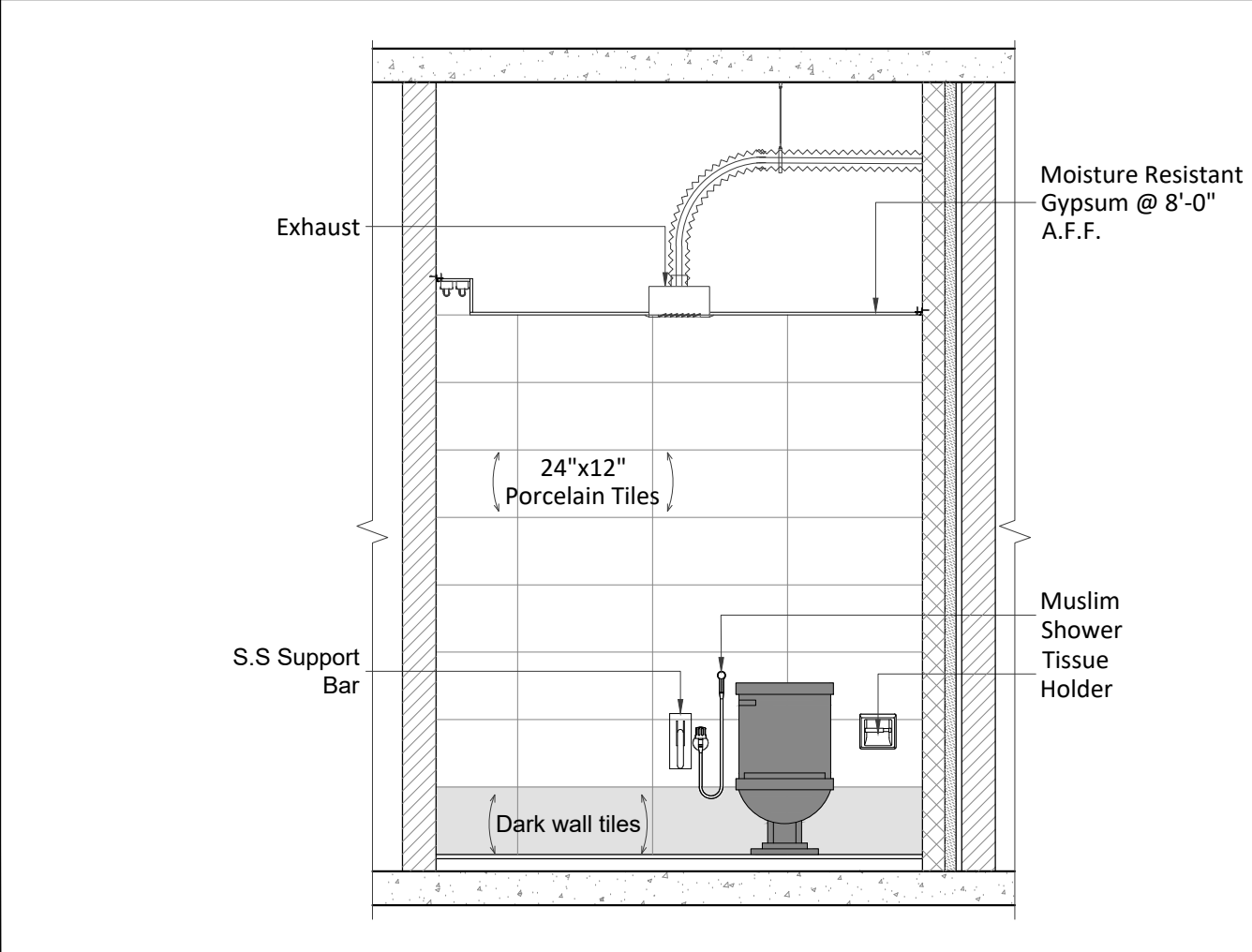
ELEVATION 1



ELEVATION 2



ELEVATION 3



ELEVATION 4

CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

ELEVATION

SCALE

3/8"= 1'-0"

DATE

Mar '25

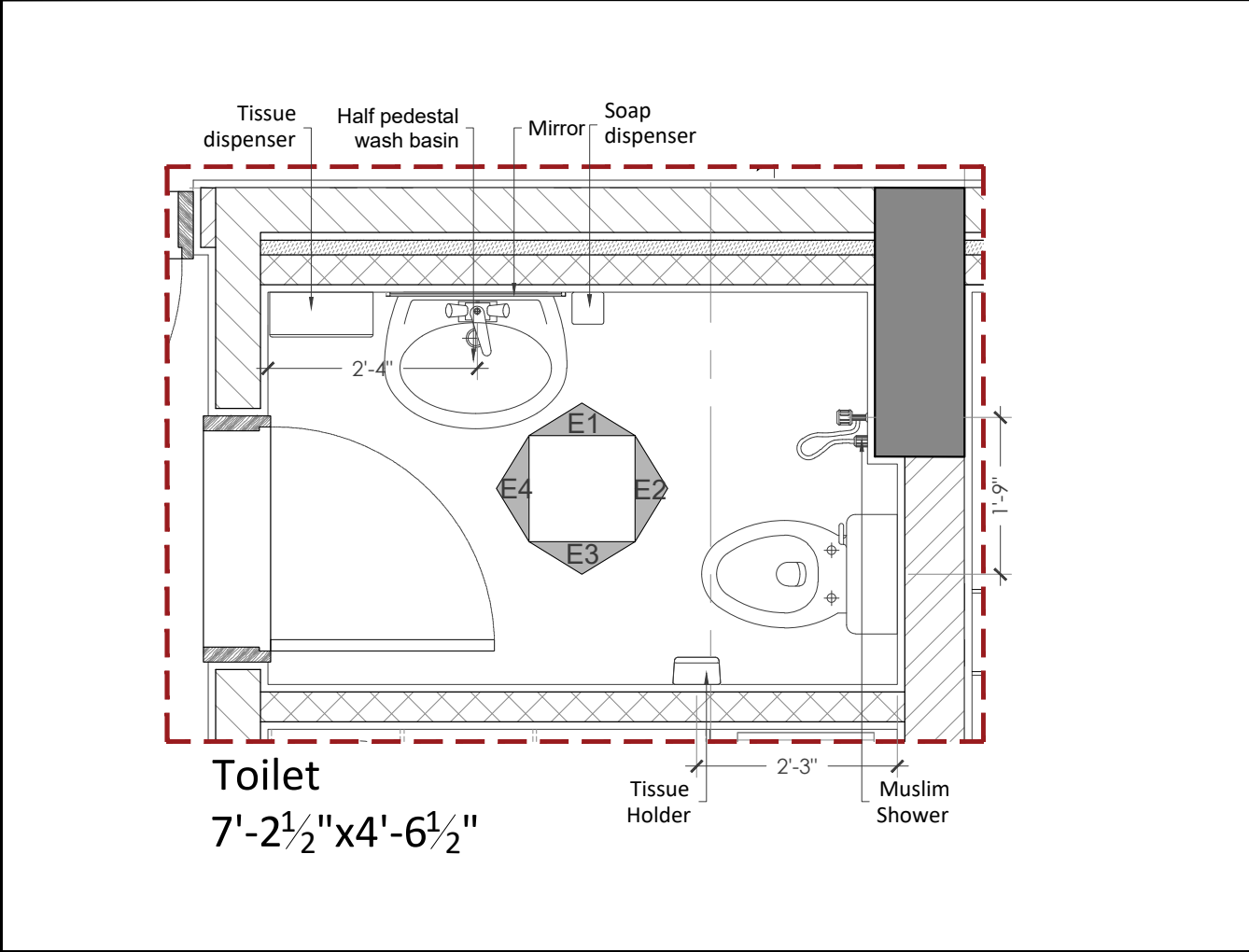
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A-09

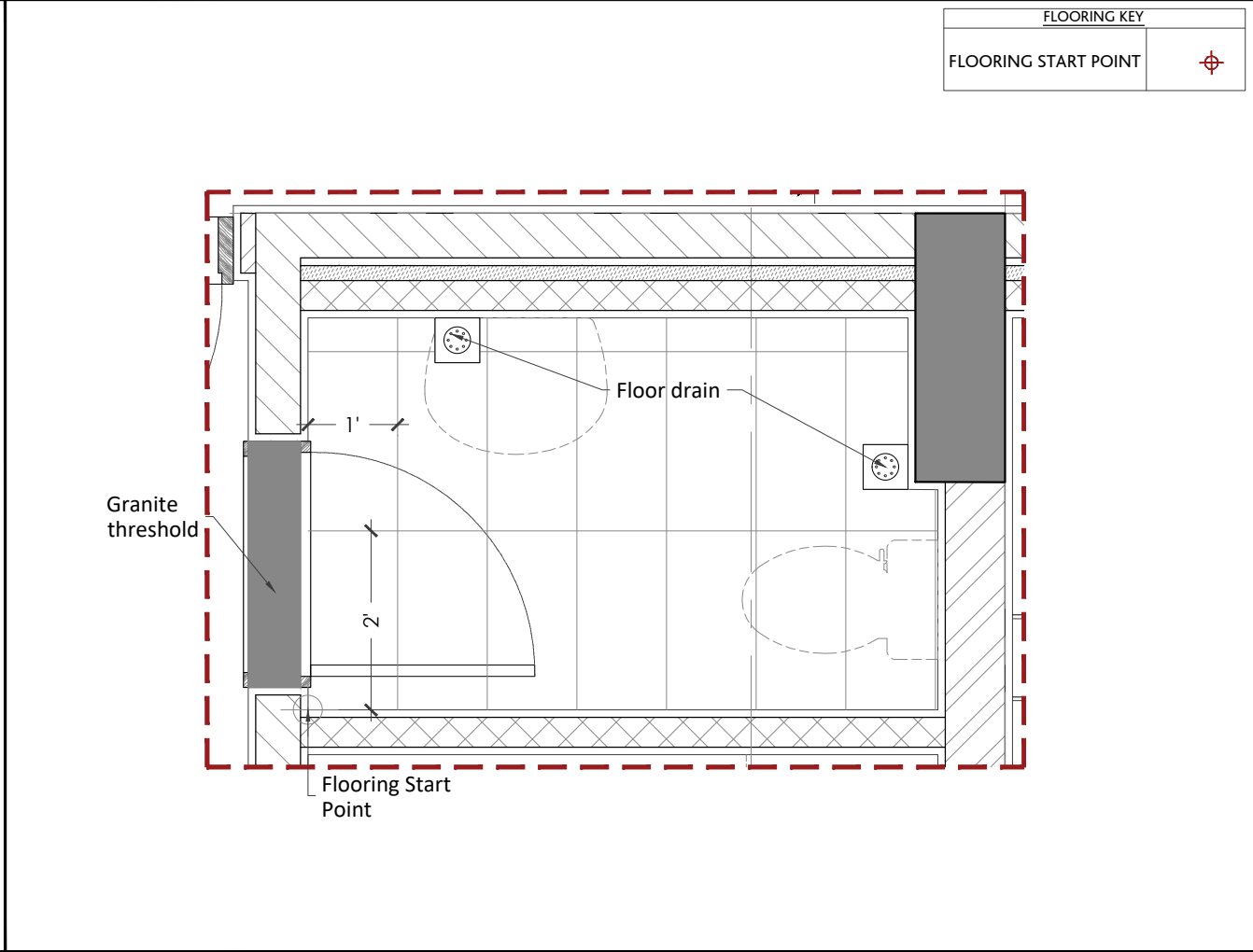
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14 of 18

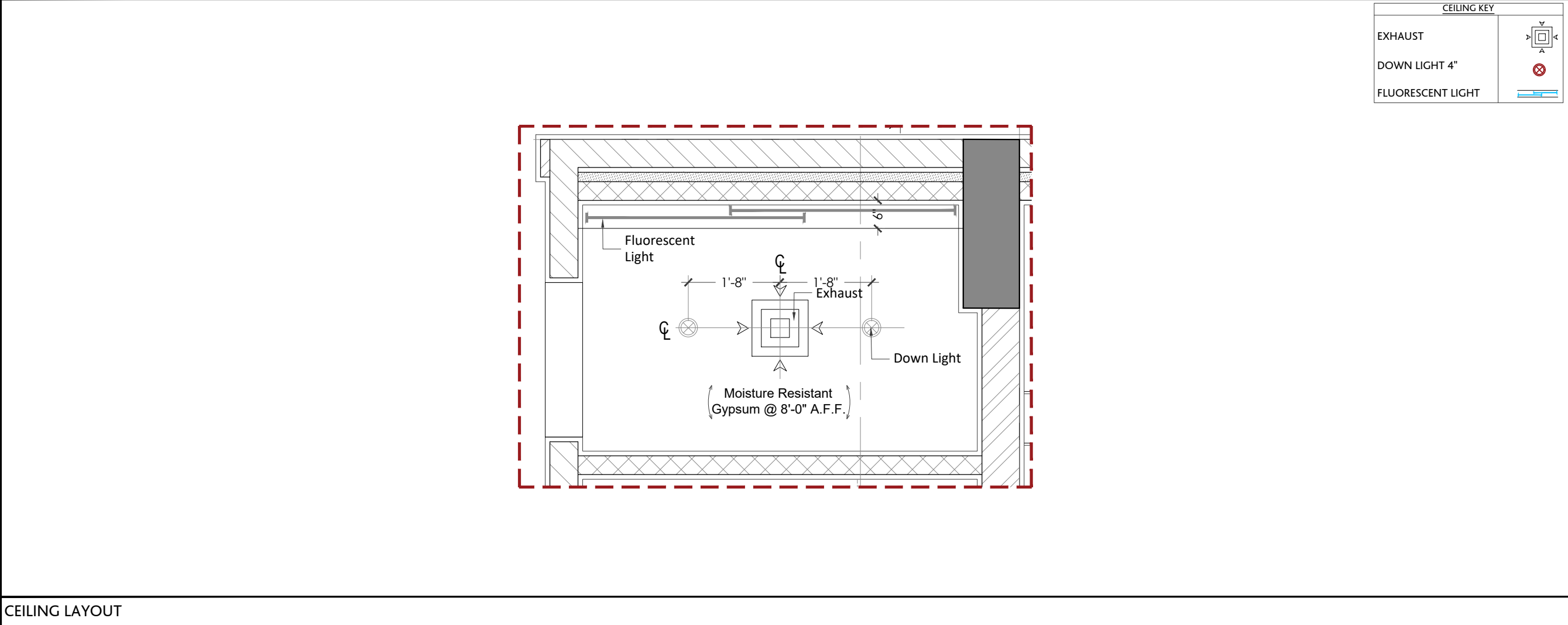
REV.



FIXTURE LAYOUT



FLOORING LAYOUT



CEILING LAYOUT

FLOORING KEY	
FLOORING START POINT	

CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

STRUCTURE CONSULTANT'S

Engineer: ARIF & ASSOCIATES
CONSULTANTS
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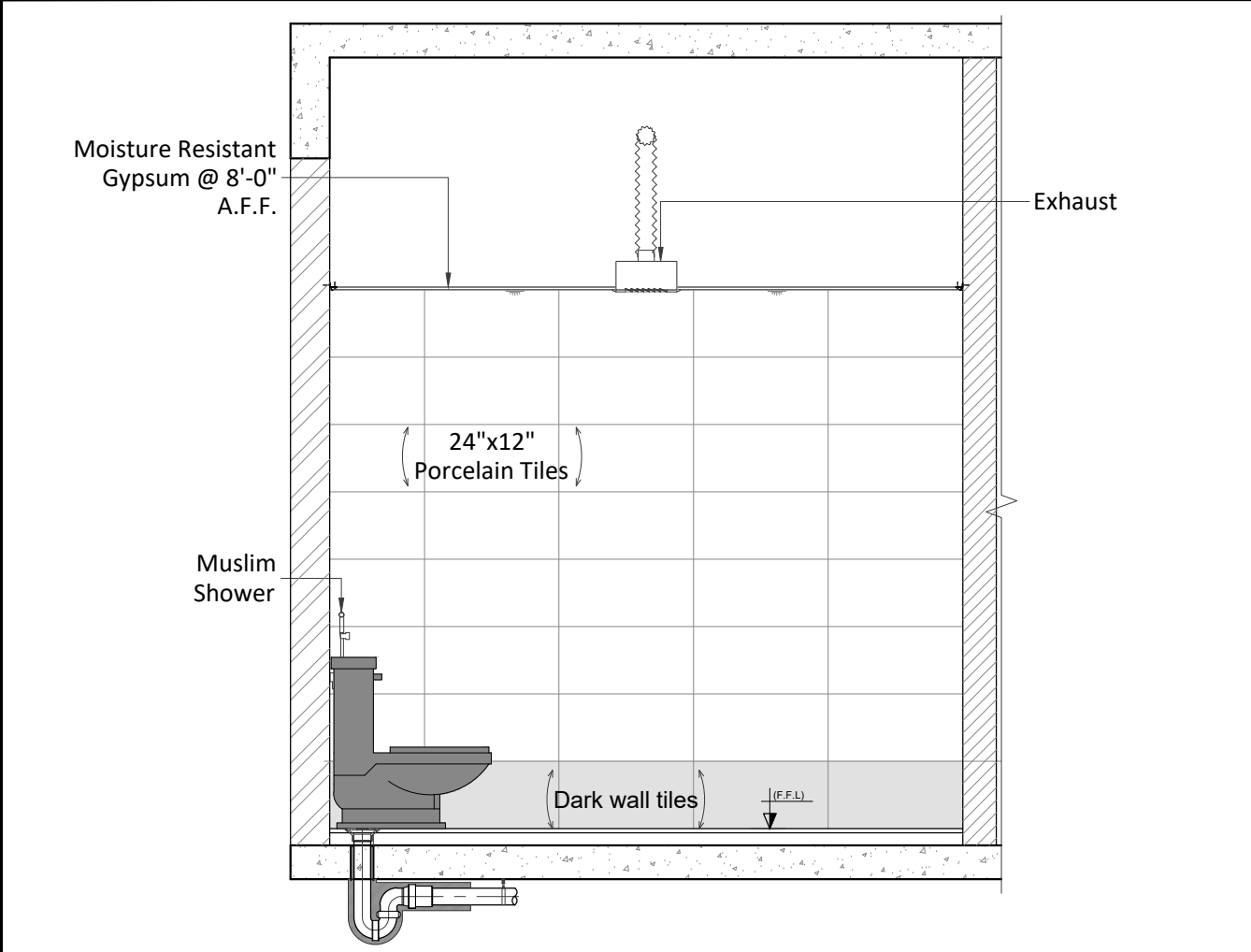
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* ALL DIMENSIONS ARE IN FEET (') AND INCHES (")
* ALL ERROR EMISSION TO BE REPORTED TO THE ARCHITECT DURING EXCECUITON WORK

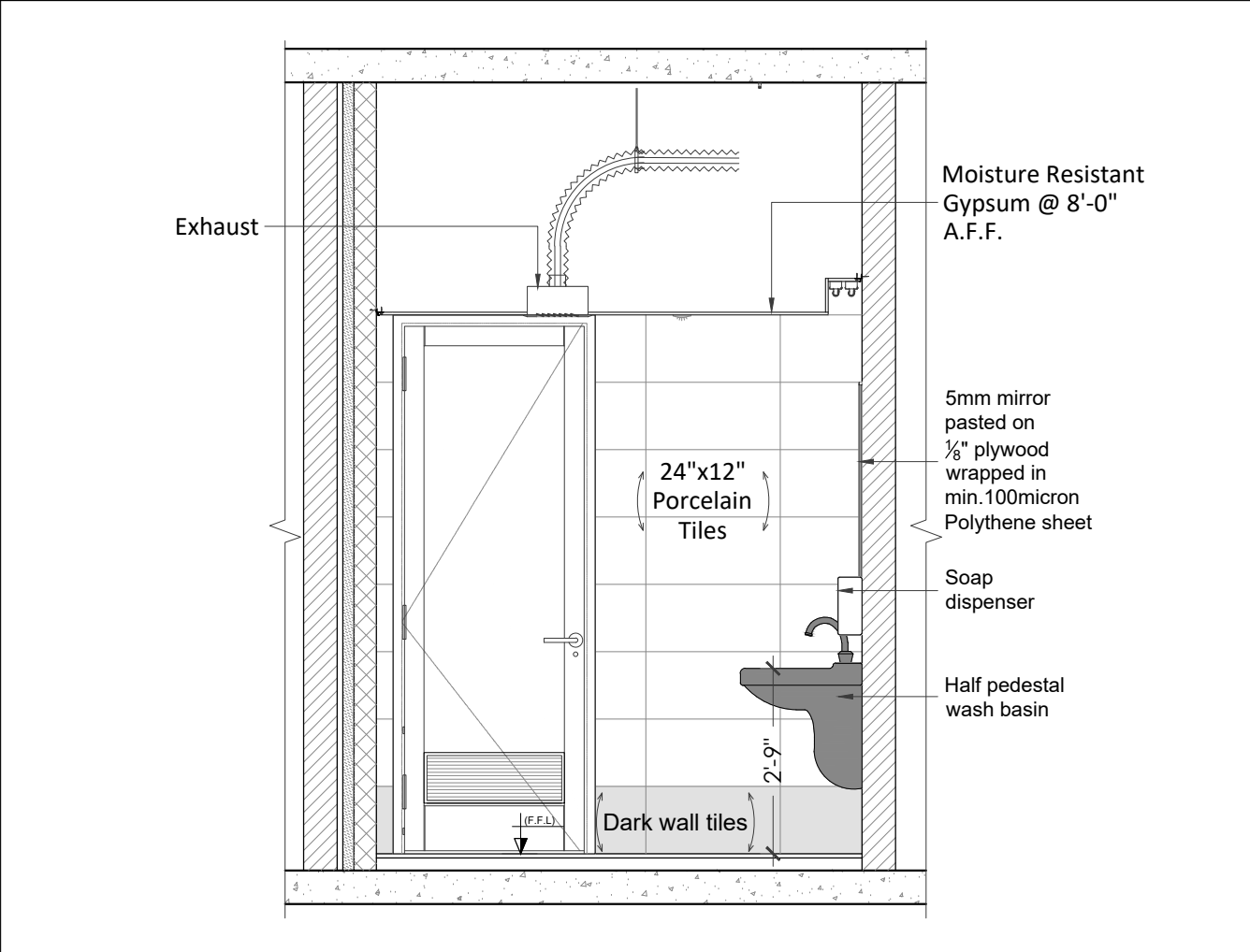
PARTITION KEY		
6" MASONRY WALL		
8" MASONRY WALL		
4" MASONRY WALL		
R.C.C COLUMN		
R.C.C WALL		
CEMENT BOARD 4" THICK		
2" INSULATION		

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

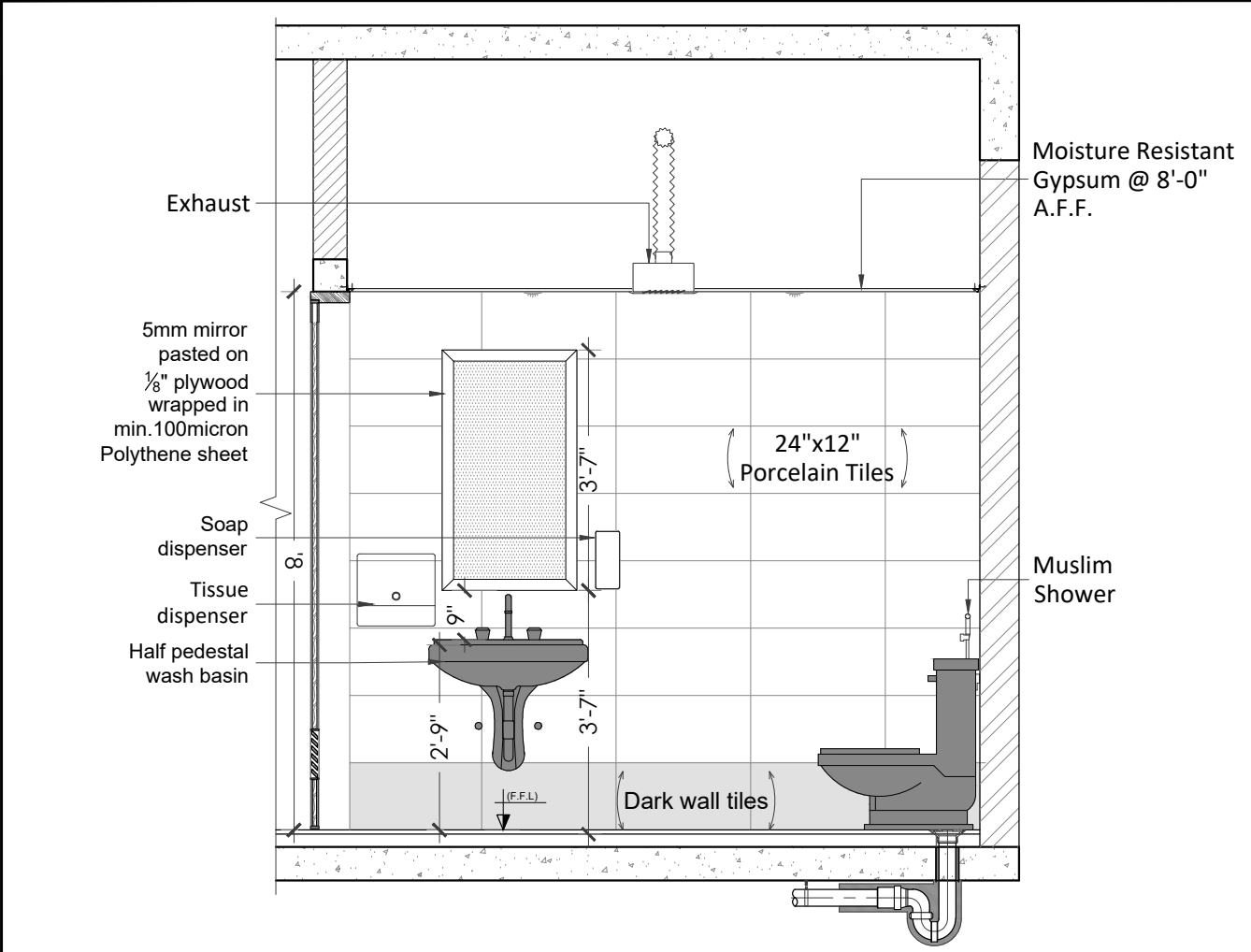
CLIENT		
HABIB BANK LIMITED		
Address		
PLOT NO 69-C,National Highway, PH.II		
TITLE		
TOILET 02 3RD & 4TH FLOOR		
SCALE		DATE
1/2"= 1'-0"		Mar '25
DWG. NO.	A-09	
	SHEET	REV.
	15 of 18	



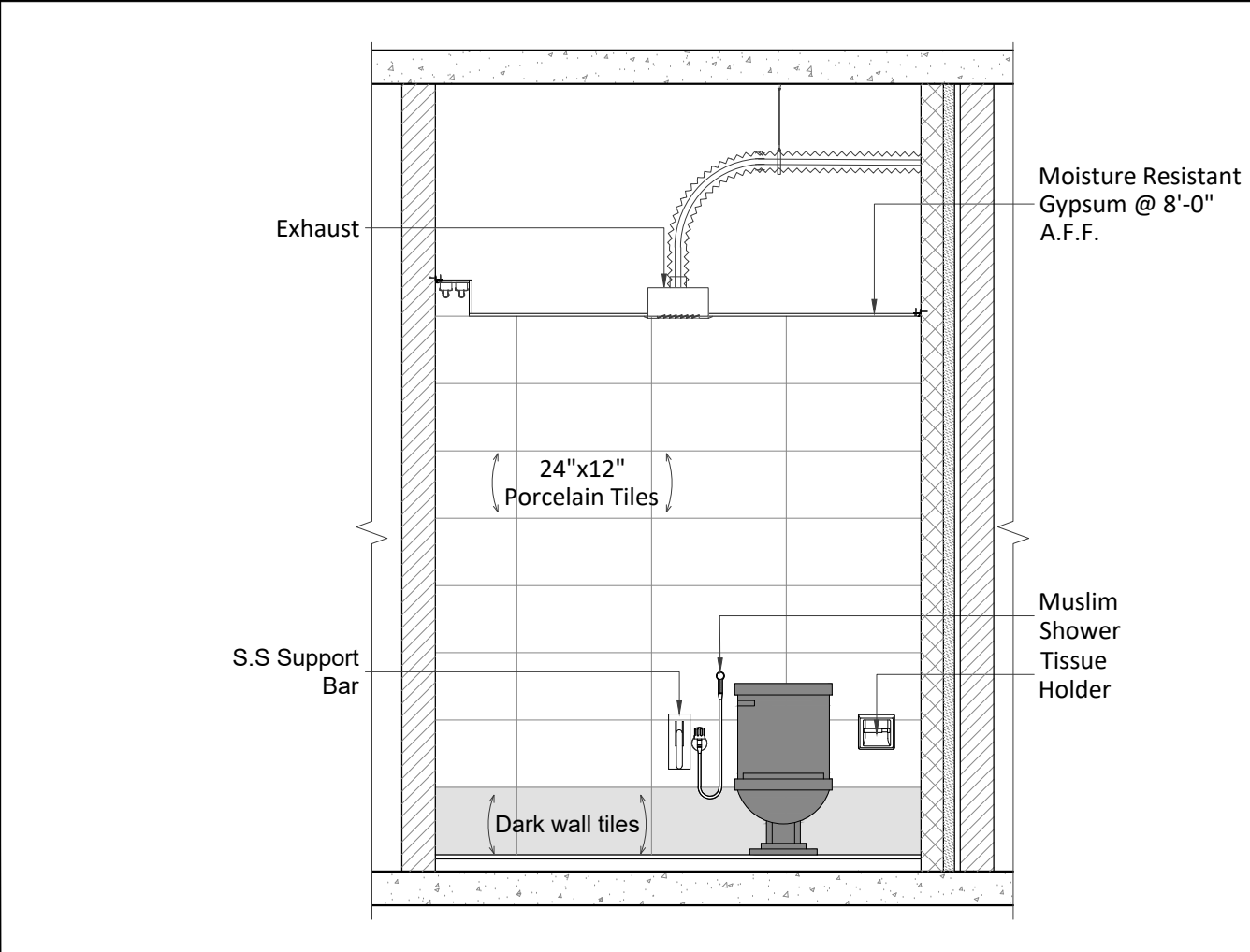
ELEVATION 1



ELEVATION 2



ELEVATION 3



ELEVATION 4

CLIENT

HBL
69-C,National Highway, PH.II

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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

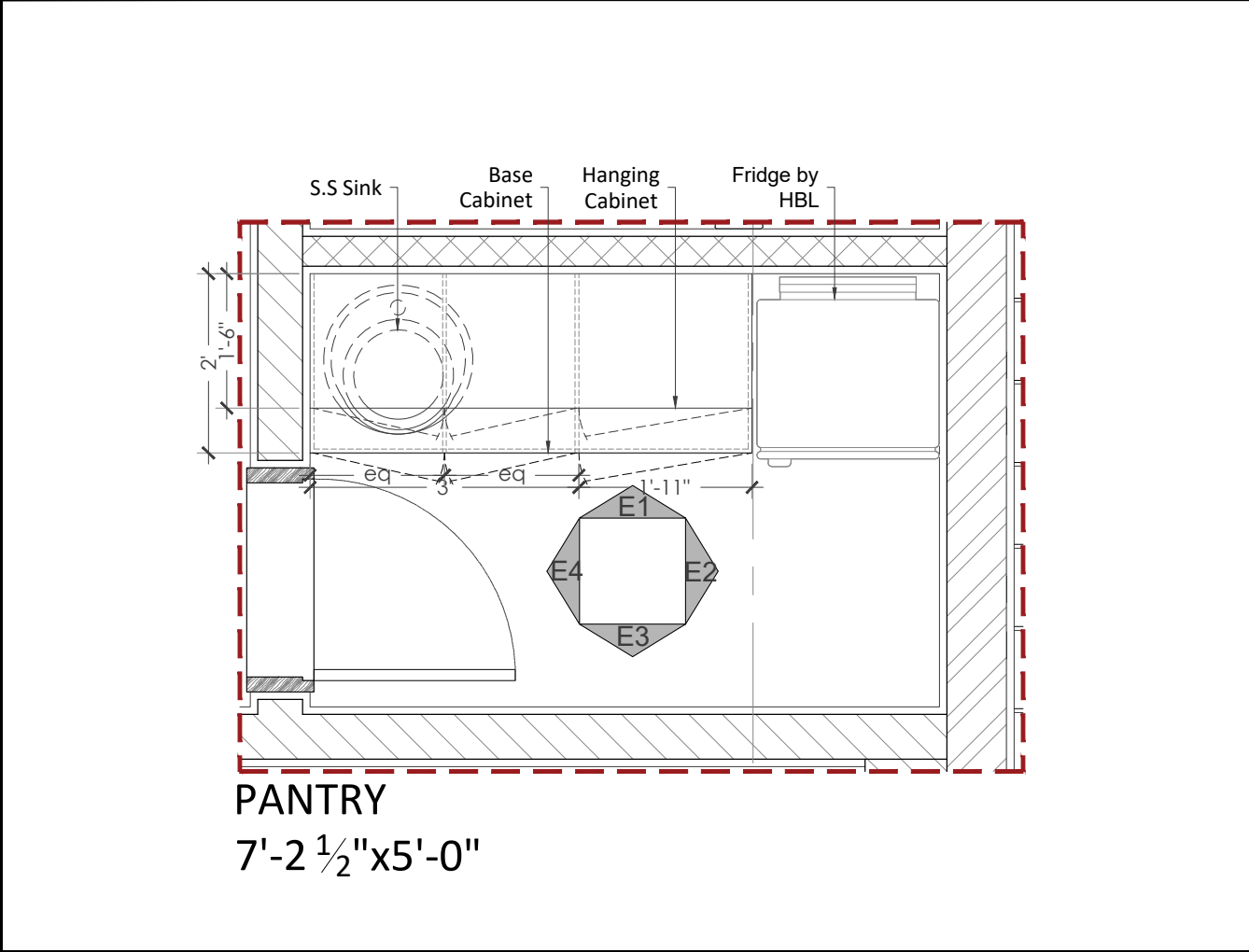
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TITLE

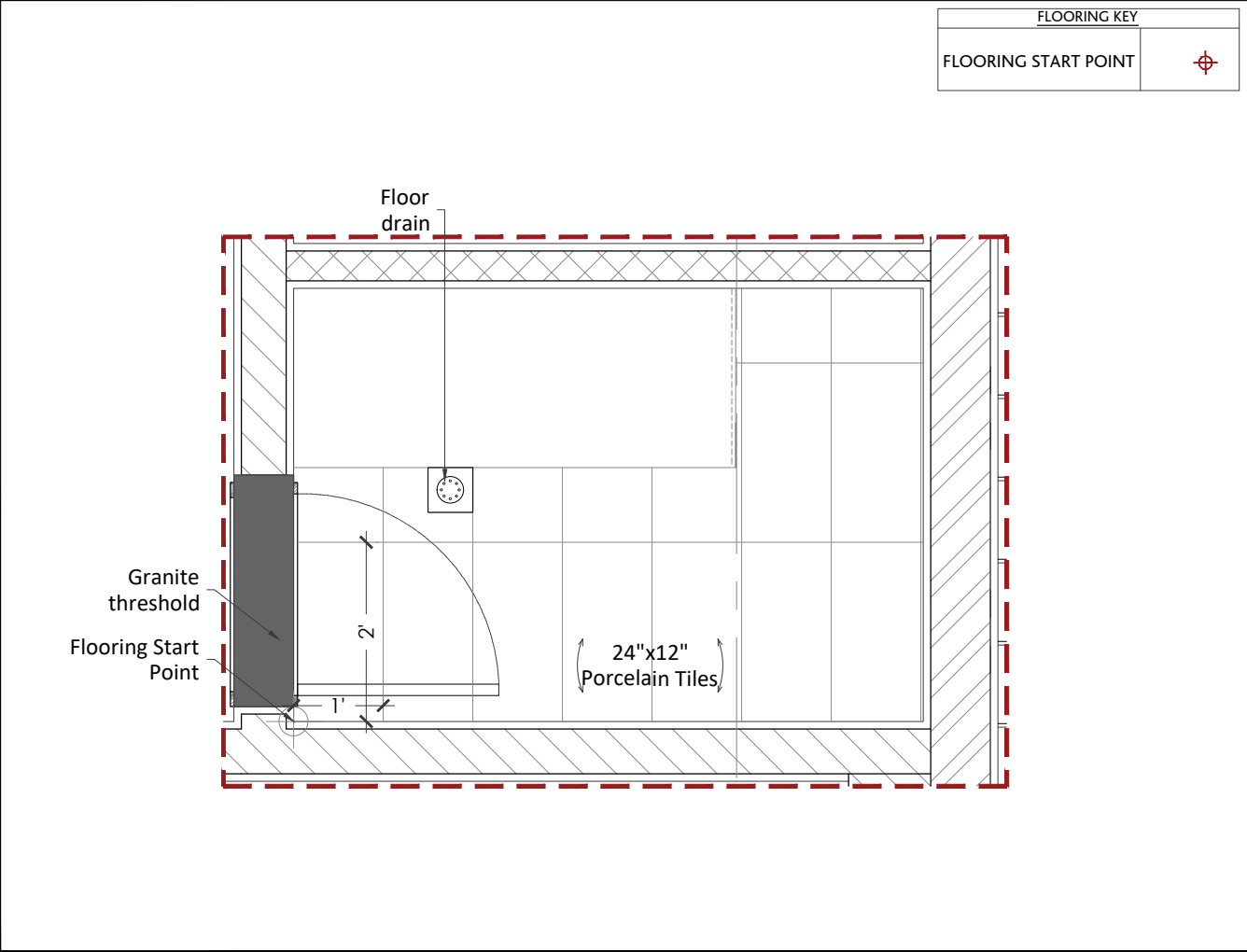
ELEVATION

SCALE	DATE
3/8"= 1'-0"	Mar '25

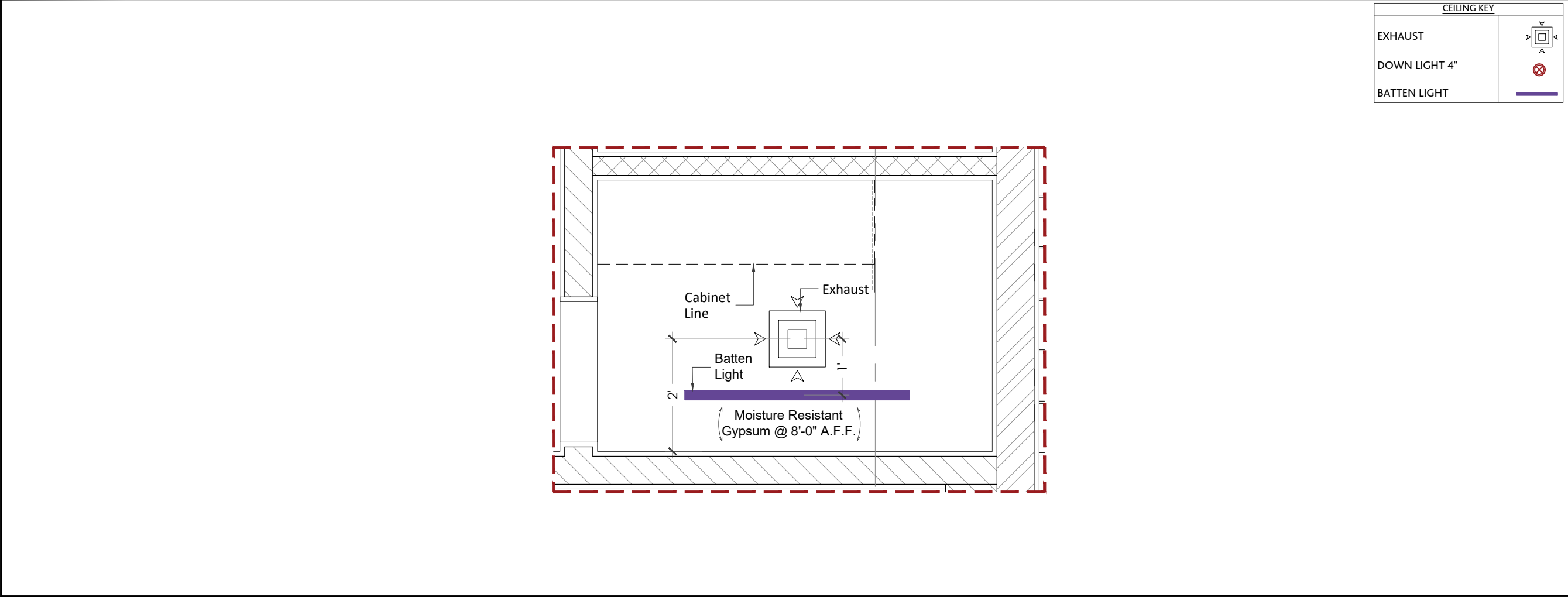
DWG. NO.	A-09	SHEET	16 of 18	REV.
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FIXTURE LAYOUT



FLOORING LAYOUT



CEILING LAYOUT

FLOORING KEY	
FLOORING START POINT	

CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

STRUCTURE CONSULTANT'S

Engineer: ARIF & ASSOCIATES
CONSULTANTS
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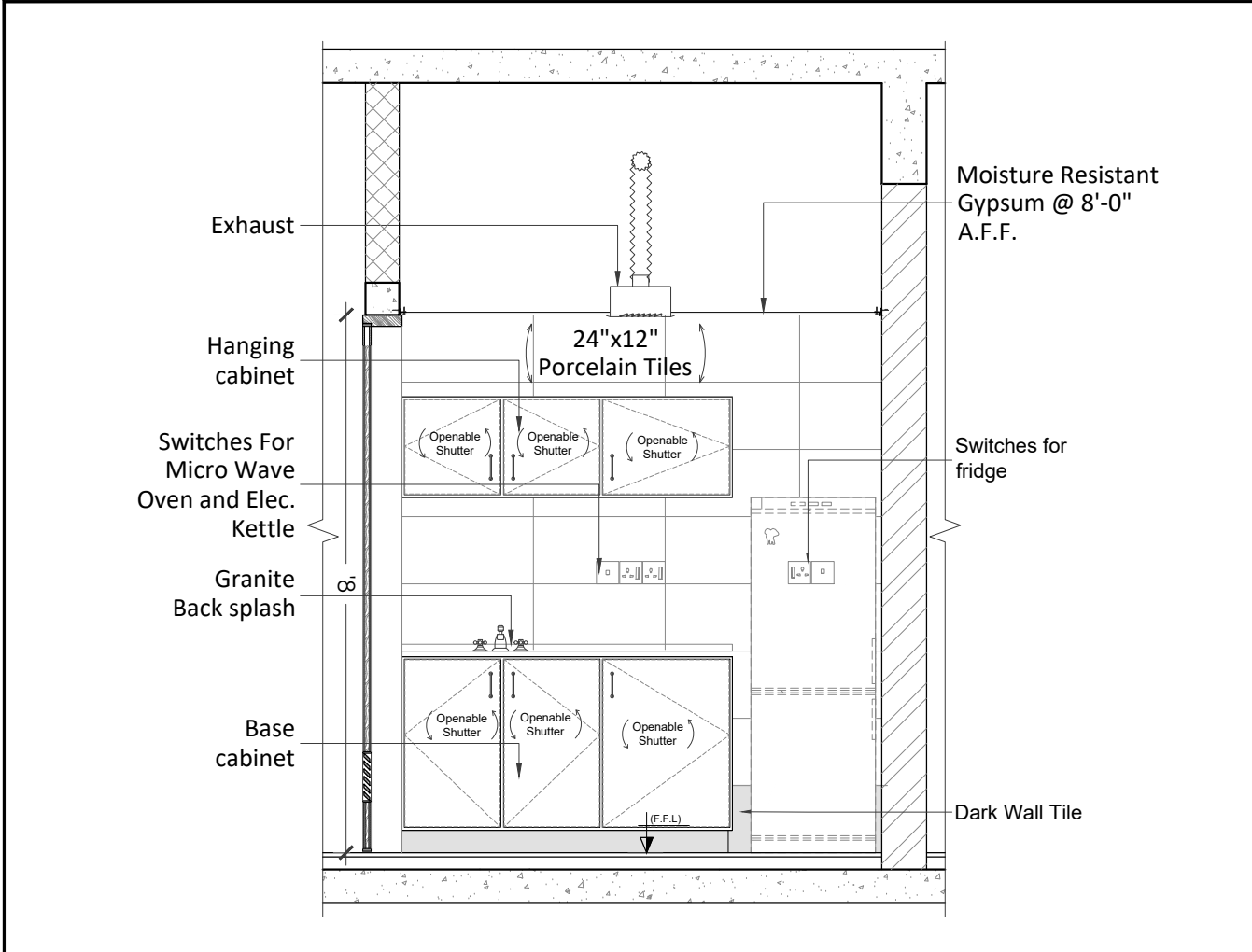
NOTE:

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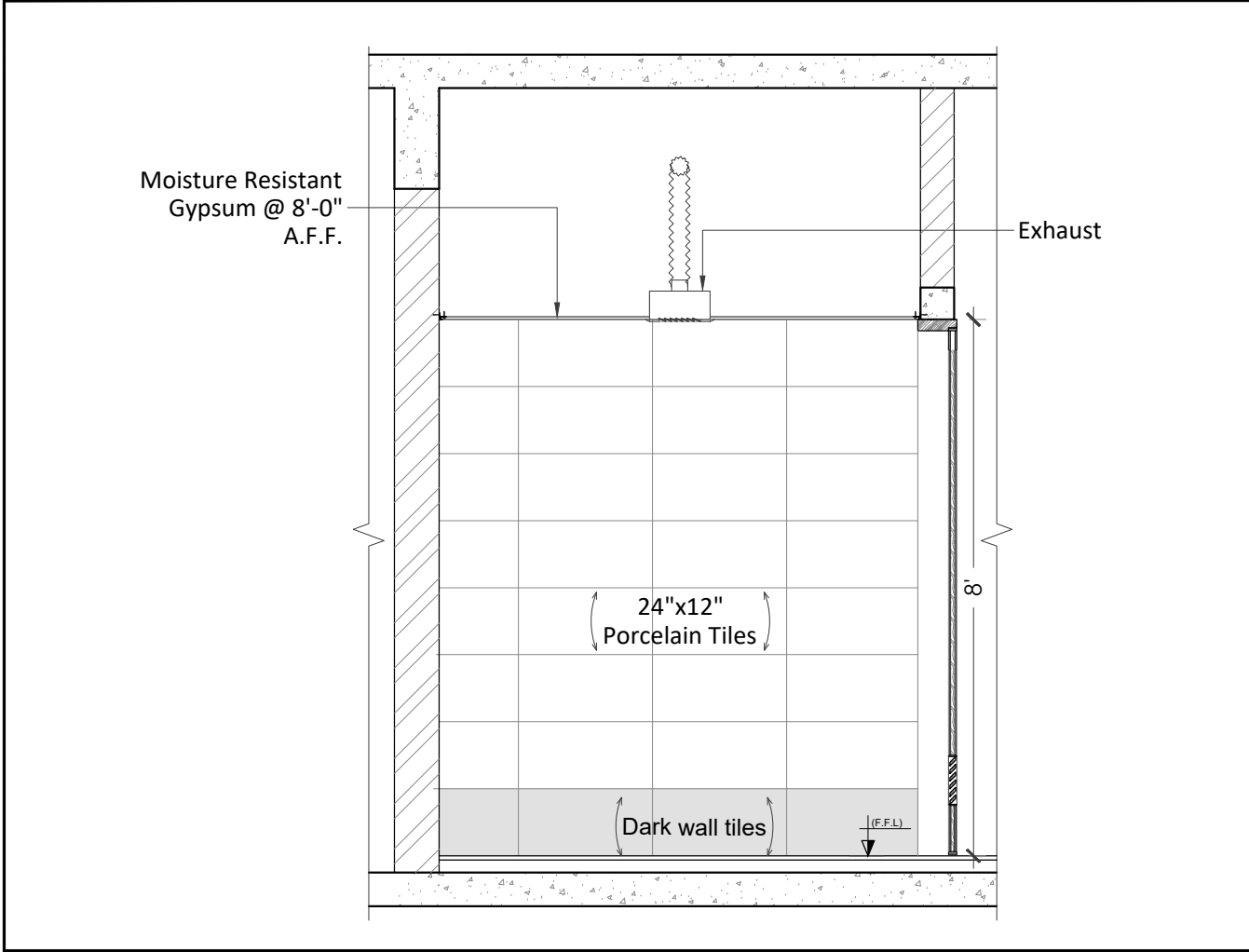
PARTITION KEY		
6" MASONRY WALL		
8" MASONRY WALL		
4" MASONRY WALL		
R.C.C COLUMN		
R.C.C WALL		
CEMENT BOARD 4" THICK		
2" INSULATION		

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

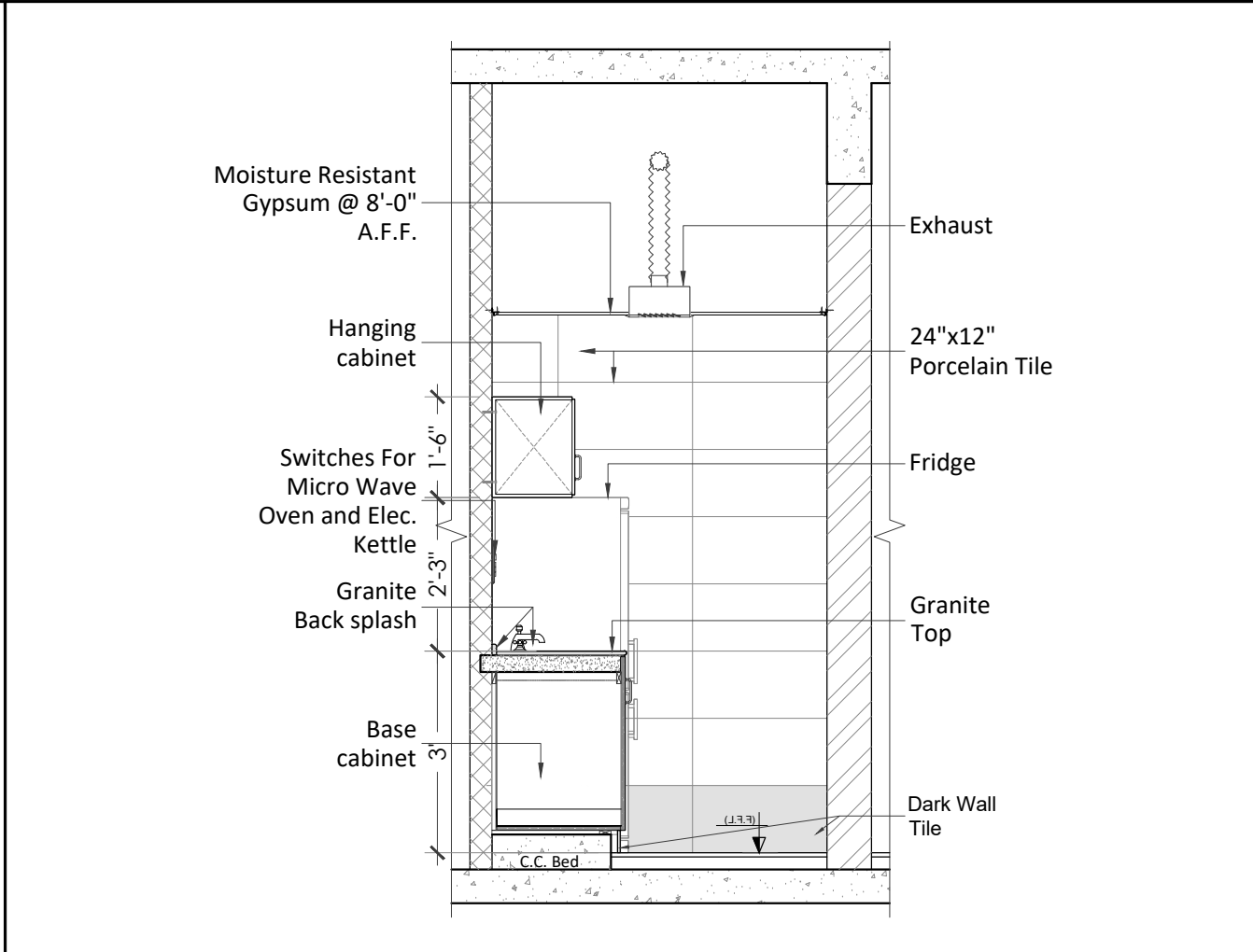
CLIENT		
HABIB BANK LIMITED		
Address		
PLOT NO 69-C,National Highway, PH.II		
TITLE		
PANTRY 3RD & 4TH FLOOR		
SCALE		DATE
1/8"= 1'-0"		Mar '25
DWG. NO.	A-09	
	SHEET	REV.
	17 of 18	



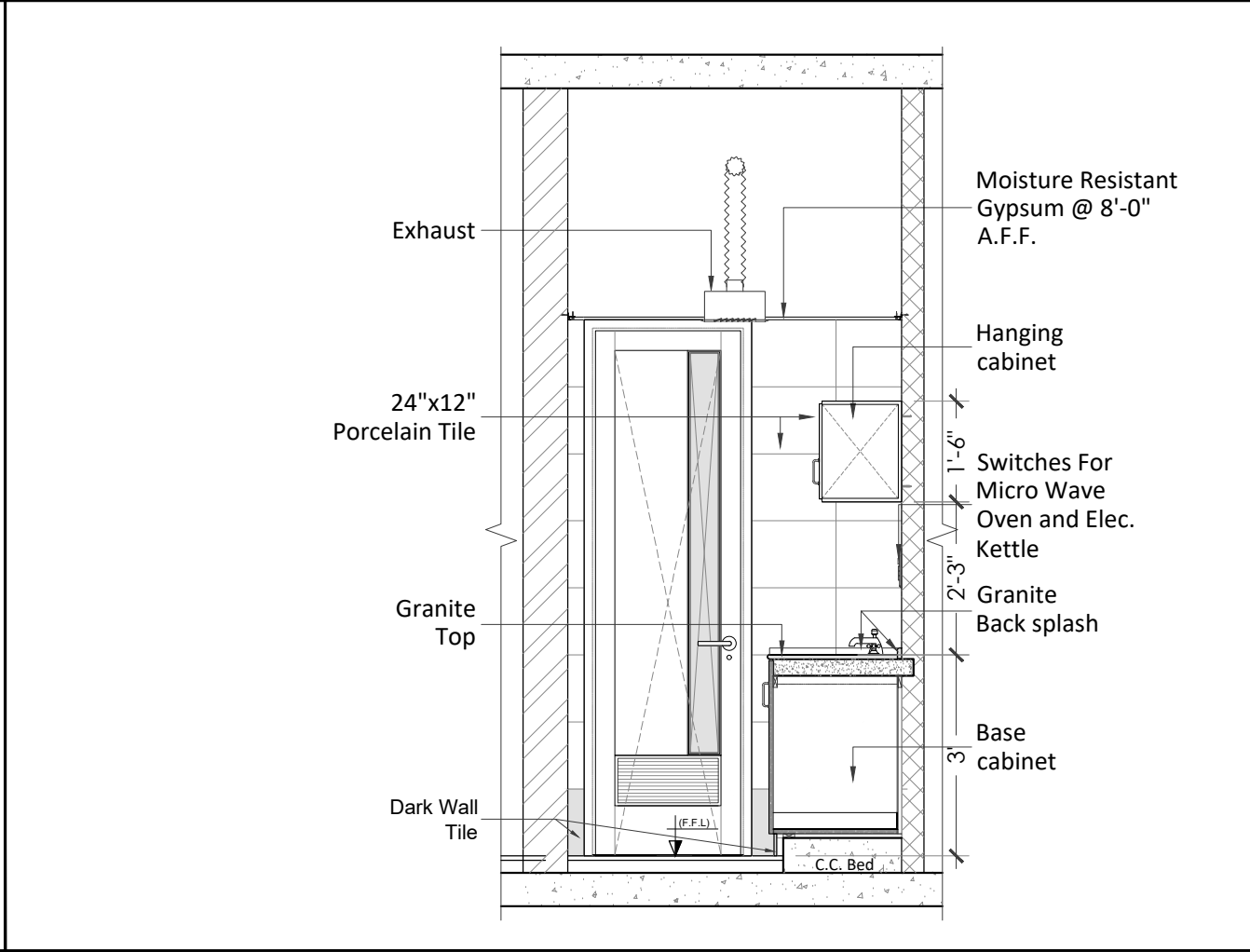
ELEVATION 1



ELEVATION 3



ELEVATION 2



ELEVATION 4

CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

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Email: fahimnanji@cyber.net.pk

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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

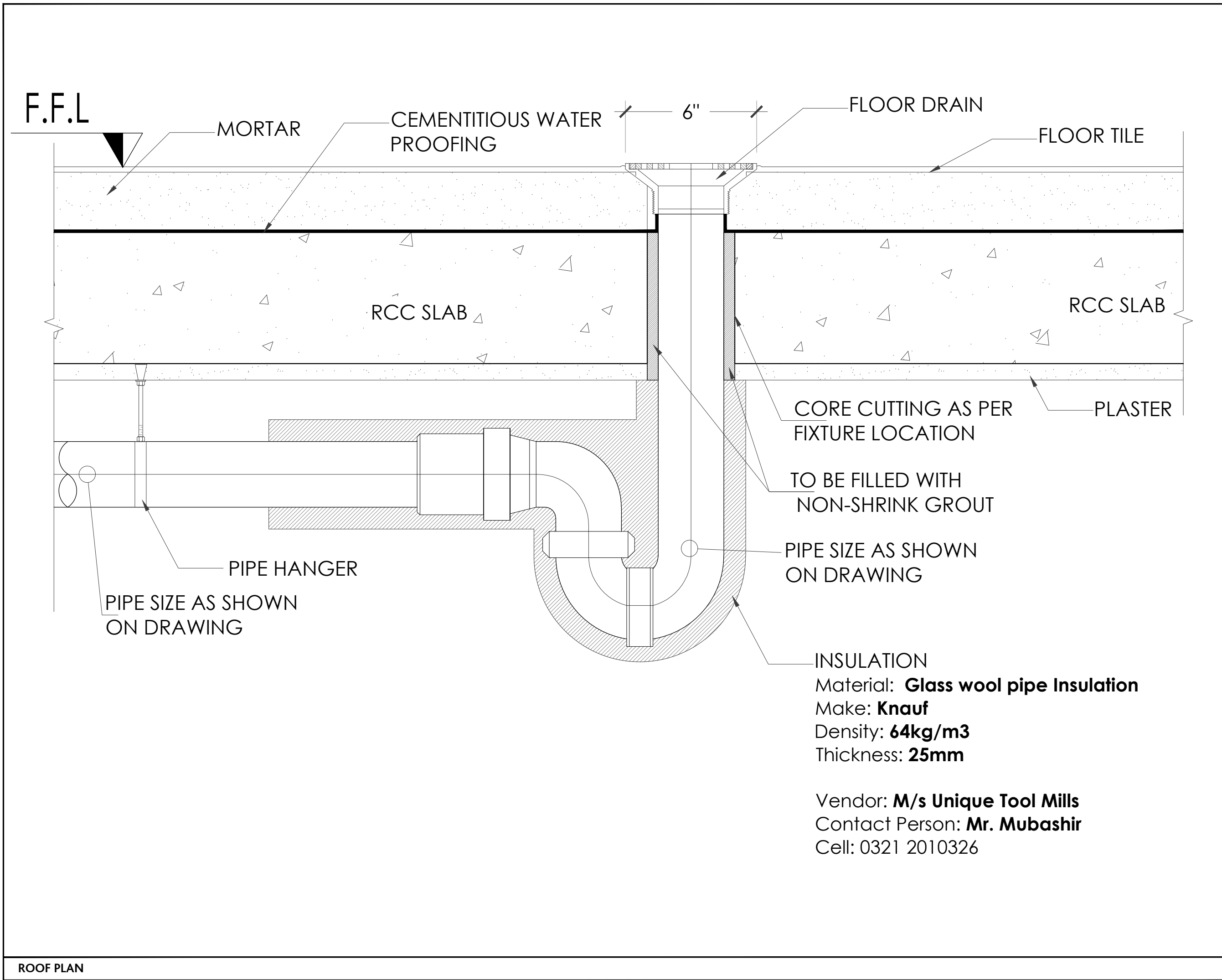
PLOT NO 69-C,National Highway, PH.II

TITLE

ELEVATION

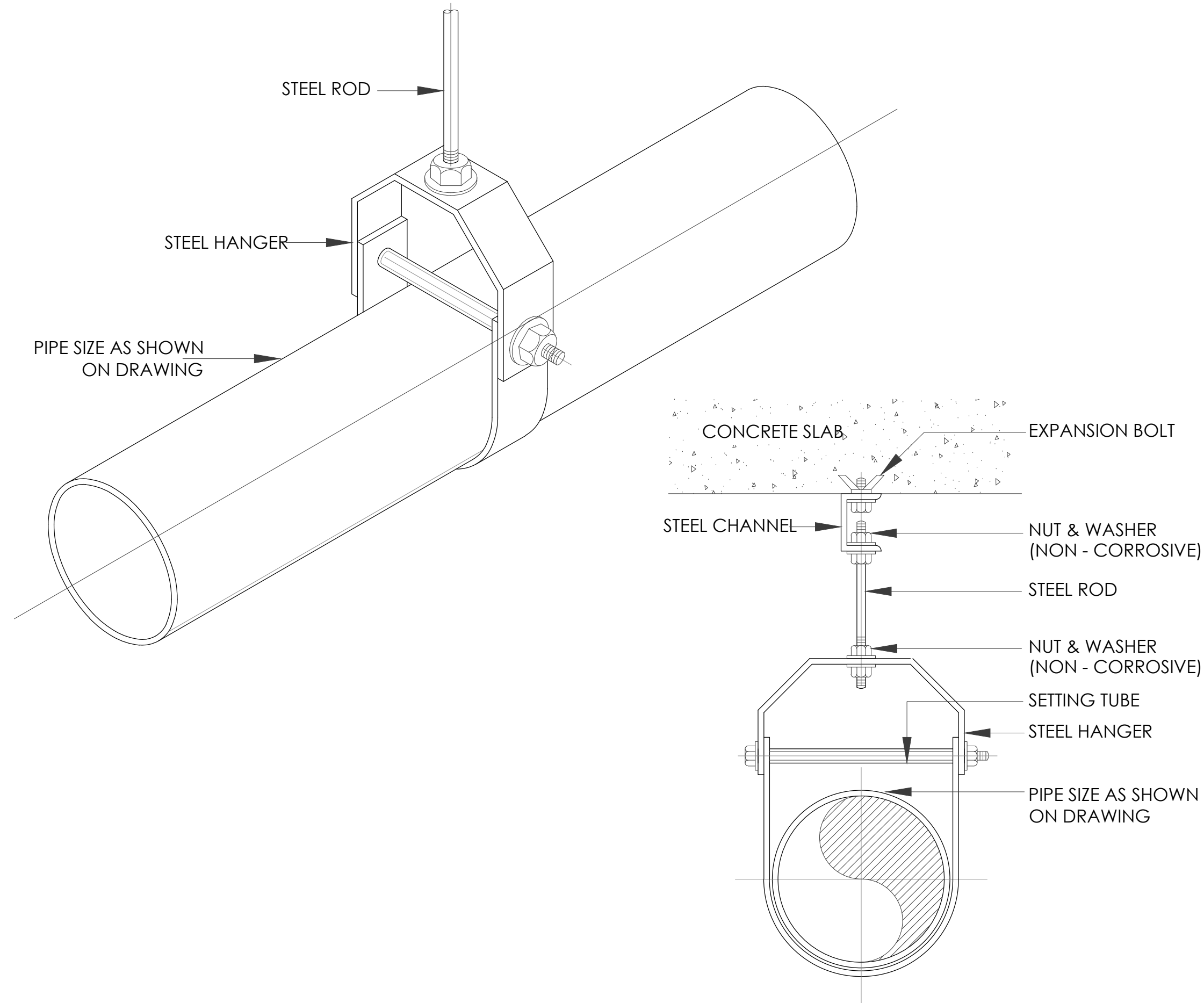
SCALE	DATE
1/8"= 1'-0"	Mar '25

DWG. NO.	A-09	SHEET	18 of 18	REV.
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ROOF PLAN

PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer: ARIF & ASSOCIATES CONSULTANTS  C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI. TEL: 021-34988461-34980871, FAX:34985907			
HVAC AND PLUMBING CONSULTANTS			
 FAHIM, NANJI & DESOUZA Consulting Engineers HVAC, Plumbing, Mechanical & Electrical 10, ILACO House, Abdullah Haroon Road, Karachi-74400 Pakistan Ph: (92-21) 563-7878-82 Fax: (92-21) 521-1634 Email: fahimfnd@cyber.net.pk			
<u>NOTE:</u> * ALL DIMENSIONS ARE IN FEET (') AND INCHES (")			
01	ISSUE FOR Construction	24-3-25	
<u>NO.</u>	<u>REVISION/ISSUE</u>	<u>DATE</u>	
<u>CLIENT</u> HABIB BANK LIMITED			
<u>Address</u> PLOT NO 69-C,National Highway, PH.IIi			
<u>TITLE</u> TYPICAL HANGING DETAIL			
<u>SCALE</u> 3"= 1'-0"		<u>DATE</u> Mar '25	
DWG. NO.	A-08	SHEET 1 of 2	REV.



ROOF PLAN

PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer: ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL, KARACHI. TEL: 021-34988461-34980871, FAX:34985907			
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NOTE:			
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01	ISSUE FOR Construction	24-3-25	
NO.	REVISION/ISSUE	DATE	
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.IIi			
TITLE			
TYPICAL HANGING DETAIL			
SCALE		DATE	
6"= 1'-0"		Mar '25	
DWG. NO.	A-00	SHEET	REV.
		1 of 2	

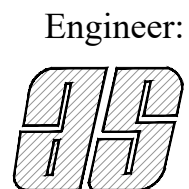
HL, AT 69-C,National Highway,KARACHI (INTERNAL ELEVATION DRAWINGS)

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



3rd Floor : Marine Pride, Block -7, Khyaban-e-Iqbal, Clifton, Karachi-75600, Pakistan
Telephone: (92-21) 5878579 (92-21) 5878580, (92-21) 5870743 Facsimile: (92-21) 5878581
E-mail: cdesign@collaborativedesign.com.pk Website: www.collaborativedesign.com.pk

STRUCTURAL CONSULTANTS



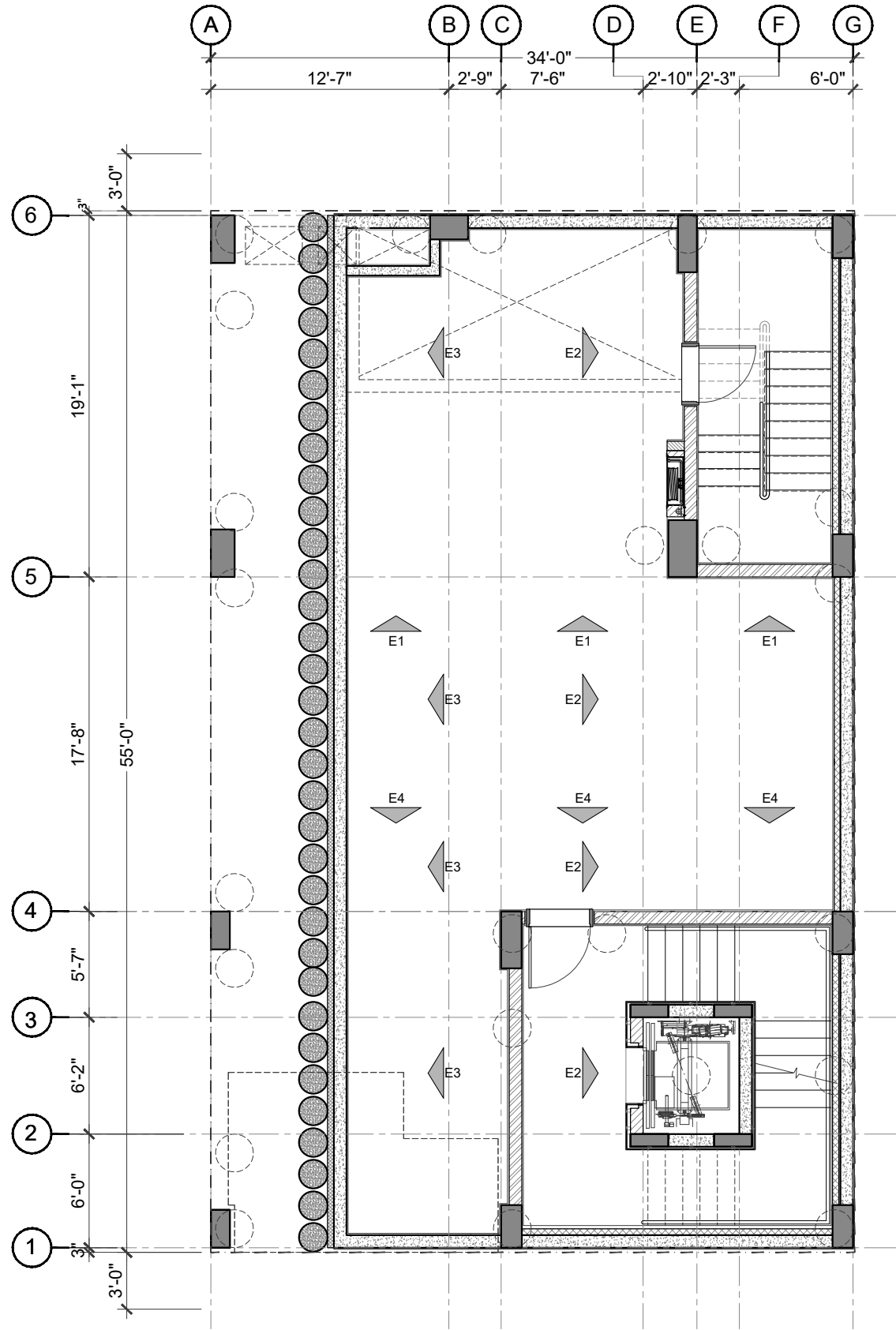
Engineer:

ARIF & ASSOCIATES
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

H.V.A.C. AND PLUMBING CONSULTANTS



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Consulting Engineers
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PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

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TO THE ARCHITECT DURING
EXCECUITON WORK

PARTITION KEY

6" MASONRY WALL	
8" MASONRY WALL	
4" MASONRY WALL	
R.C.C COLUMN	
R.C.C WALL	
CEMENT BOARD 4" THICK	
2" INSULATION	

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

INTERNAL ELEVATION
MARKER PLAN

SCALE

1/8"= 1'-0"

DATE

Mar '25

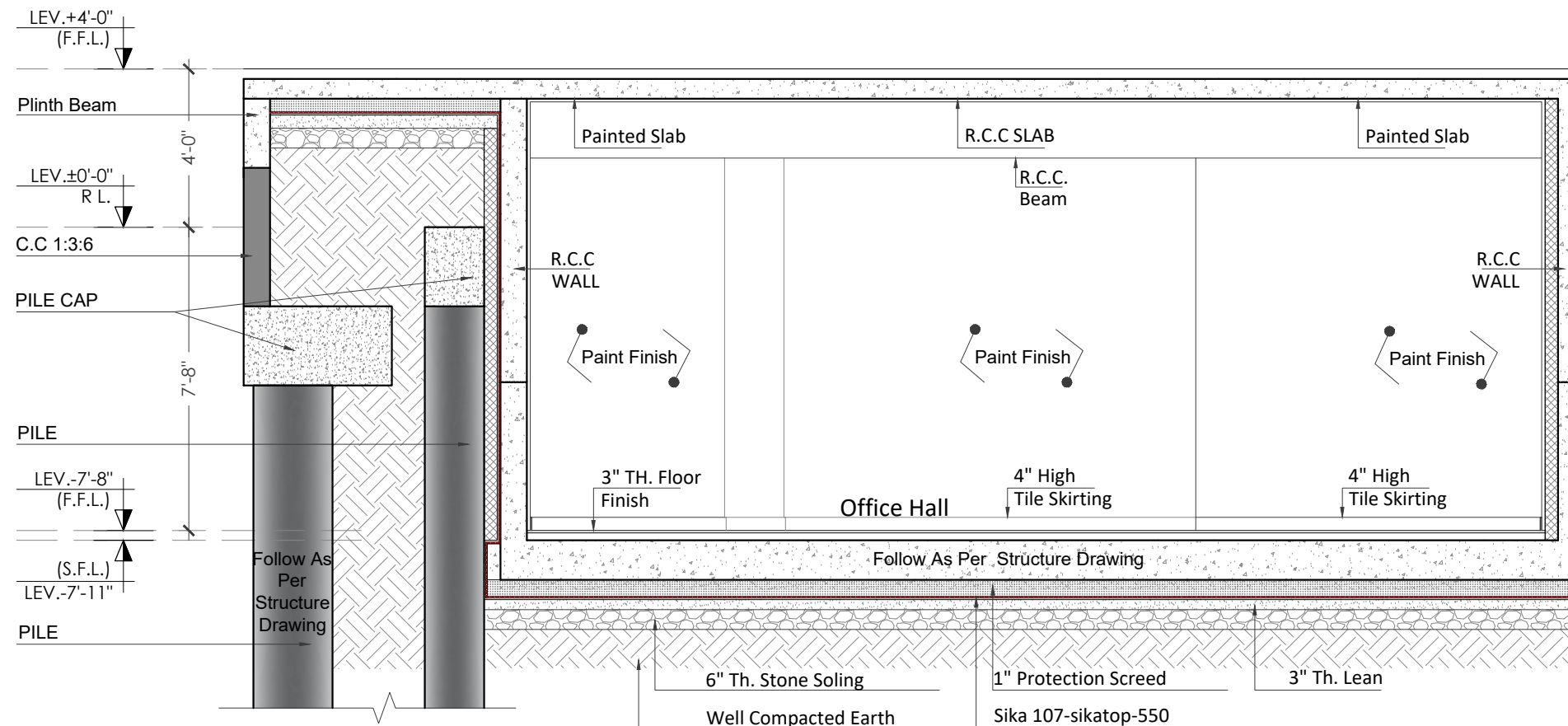
DWG. NO.

A-10

SHEET

REV.

1
of
3



CLIENT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

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TEL: 021-34988461-34980871, FAX: 34985907

HVAC AND PLUMBING CONSULTANTS

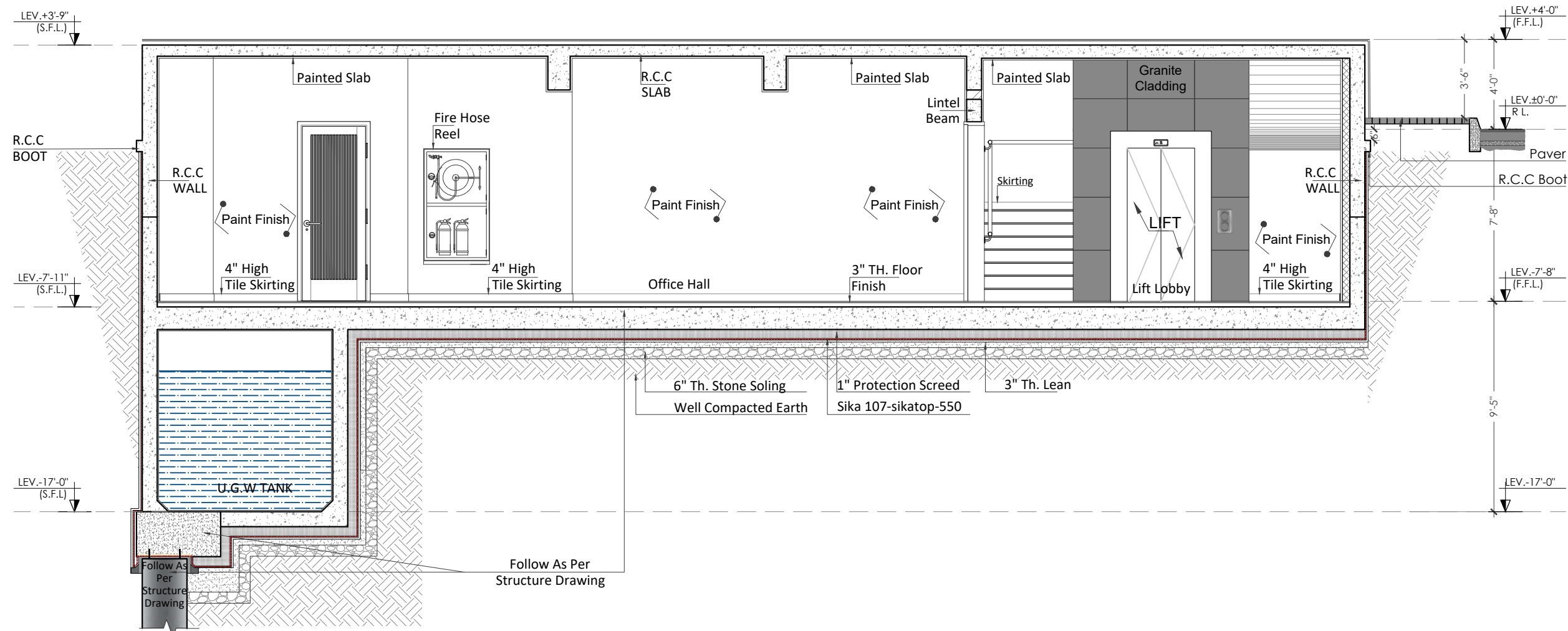
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ELEVATION -01

$$1/4'' = 1'-0''$$


ELEVATION -02

$$3/16" = 1'-0"$$

01	ISSUE FOR Construction	24-3-25
<u>NO.</u>	<u>REVISION/ISSUE</u>	<u>DATE</u>

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C, National Highway, PH.II

TITLE

BASEMENT INTERNAL
ELEVATION

SCALE

AS SHOWN

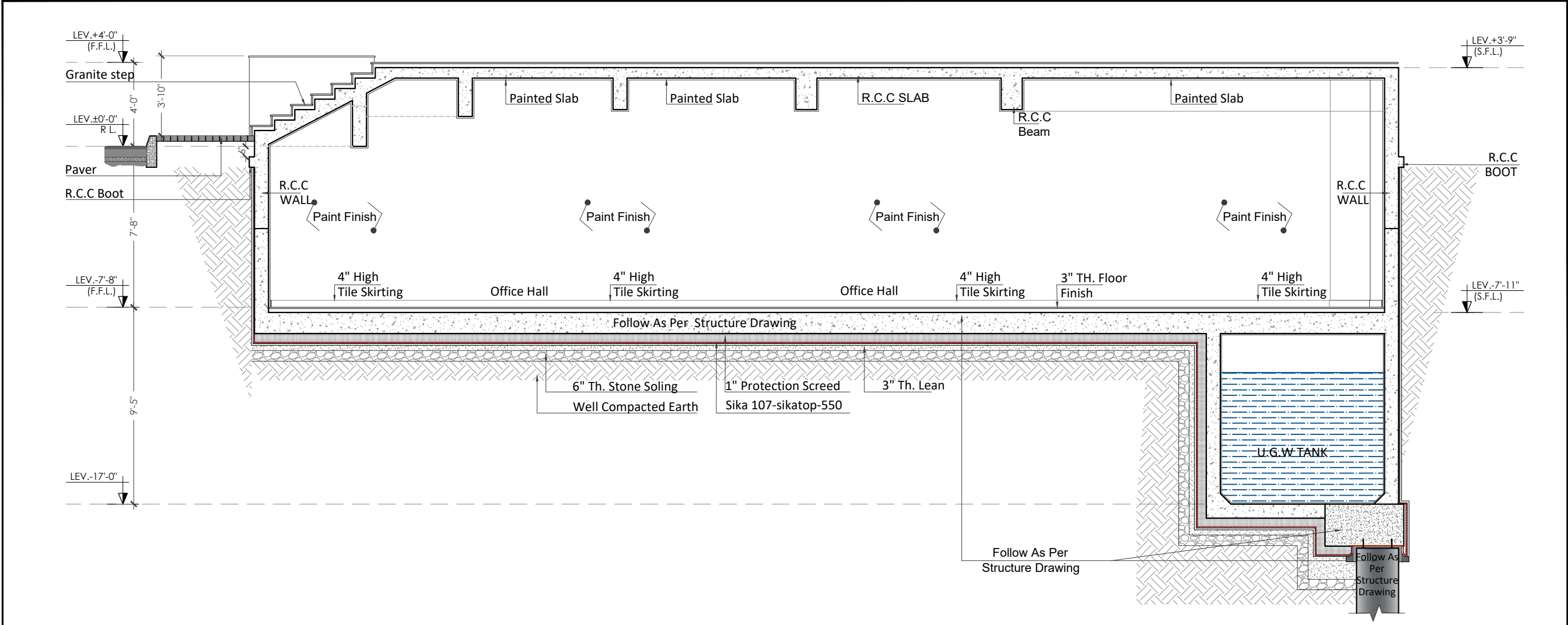
DATE _____

Mar '25

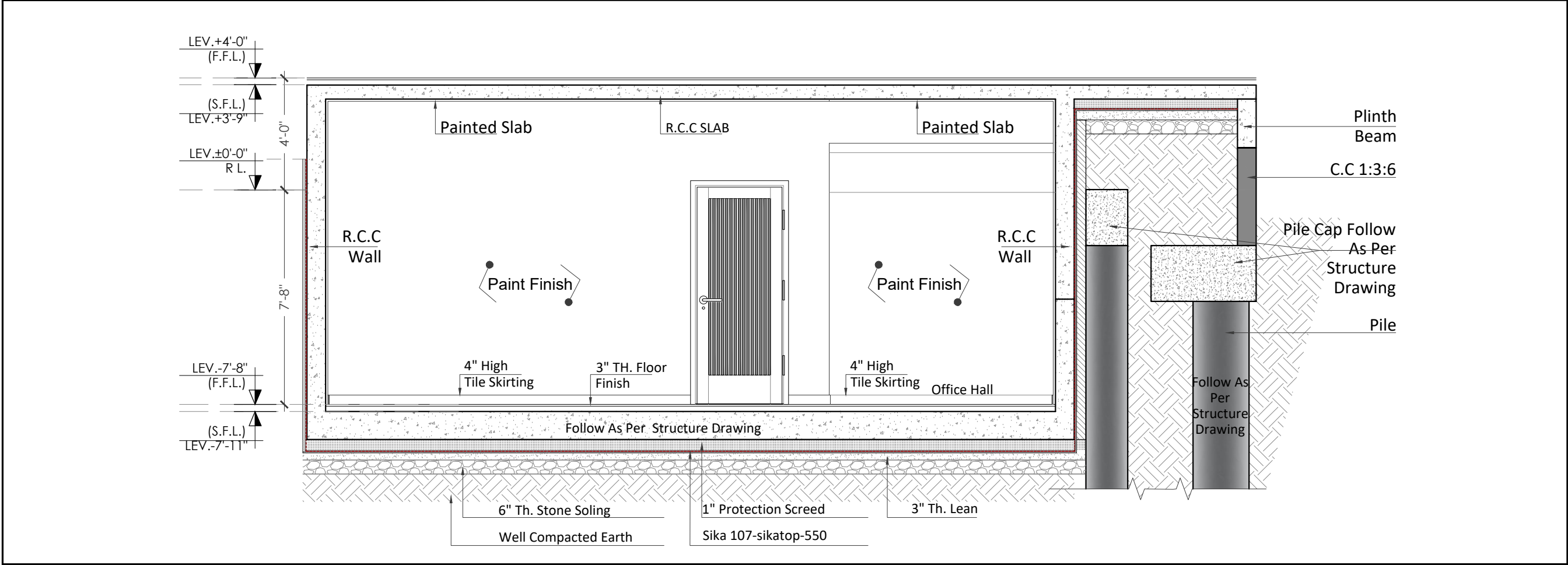
1/G. NO.

A-10

SHEET	REV.
2 of 3	



ELEVATION -03 3/16"= 1'-0"



ELEVATION -04 1/8"= 1'-0"

CLIENT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

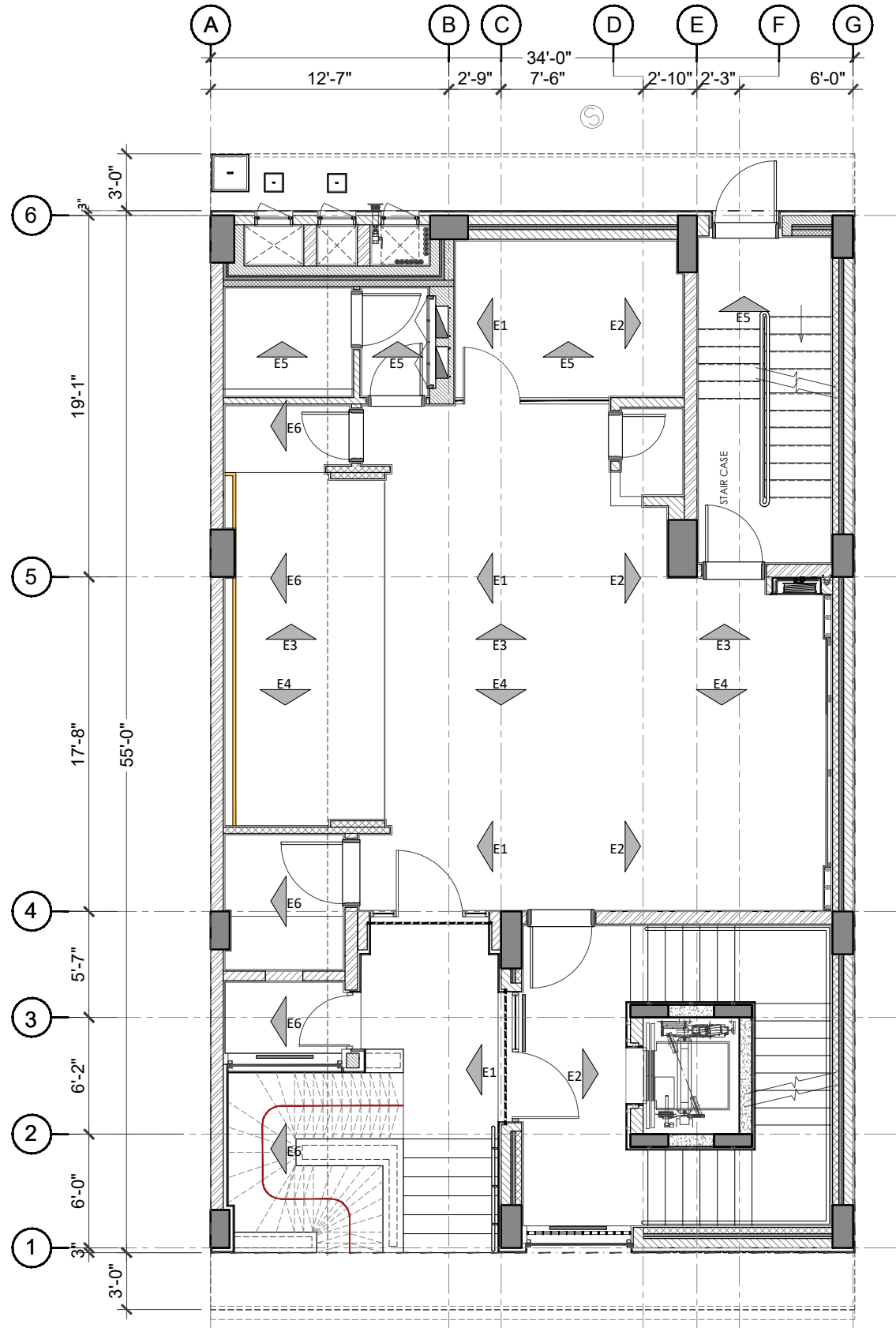
PLOT NO
69-C,National Highway, PH.II

TITLE

BASEMENT INTERNAL
ELEVATION

SCALE	DATE
AS SHOWN	Mar '25

DWG. NO.	A-10	SHEET	3 of 3	REV.
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PROJECT

HBL
69-C,National
Highway, PH.II

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HVAC AND PLUMBING CONSULTANTS

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NOTE:

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EXCECUITON WORK

PARTITION KEY

6" MASONRY WALL	
8" MASONRY WALL	
4" MASONRY WALL	
R.C.C COLUMN	
R.C.C WALL	
CEMENT BOARD 4" THICK	
2" INSULATION	

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

INTERNAL ELEVATION
MARKER PLAN

SCALE

1/8"= 1'-0"

DATE

Mar '25

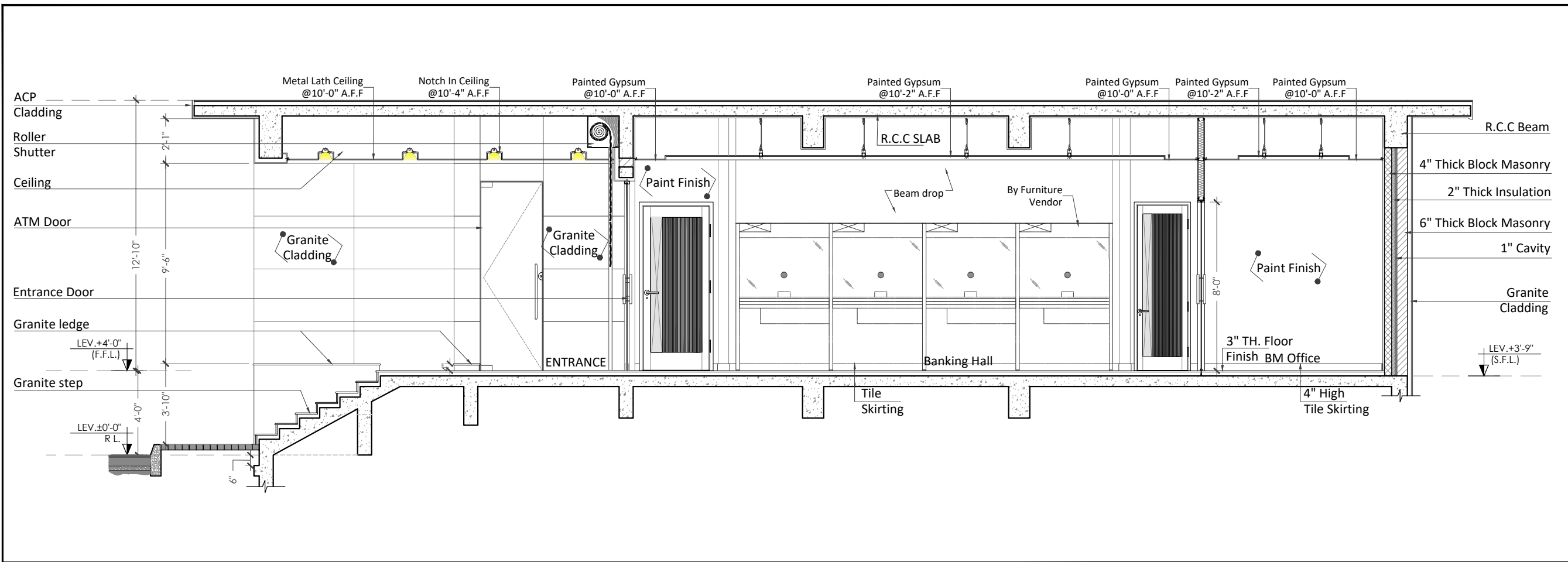
DWG. NO.

A-10

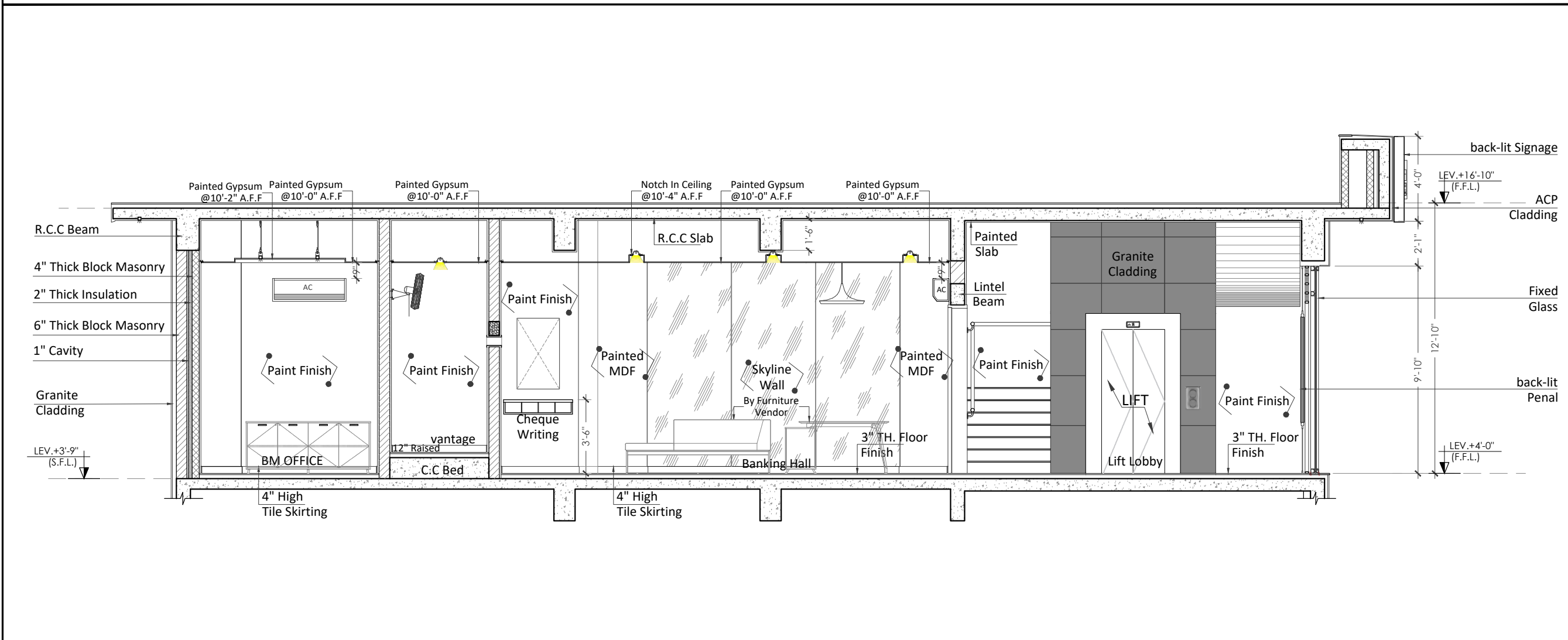
SHEET

REV.

1
of
4



ELEVATION -01 3/16"= 1'-0"



ELEVATION -02 3/16"= 1'-0"

CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer:  **ARIF & ASSOCIATES**
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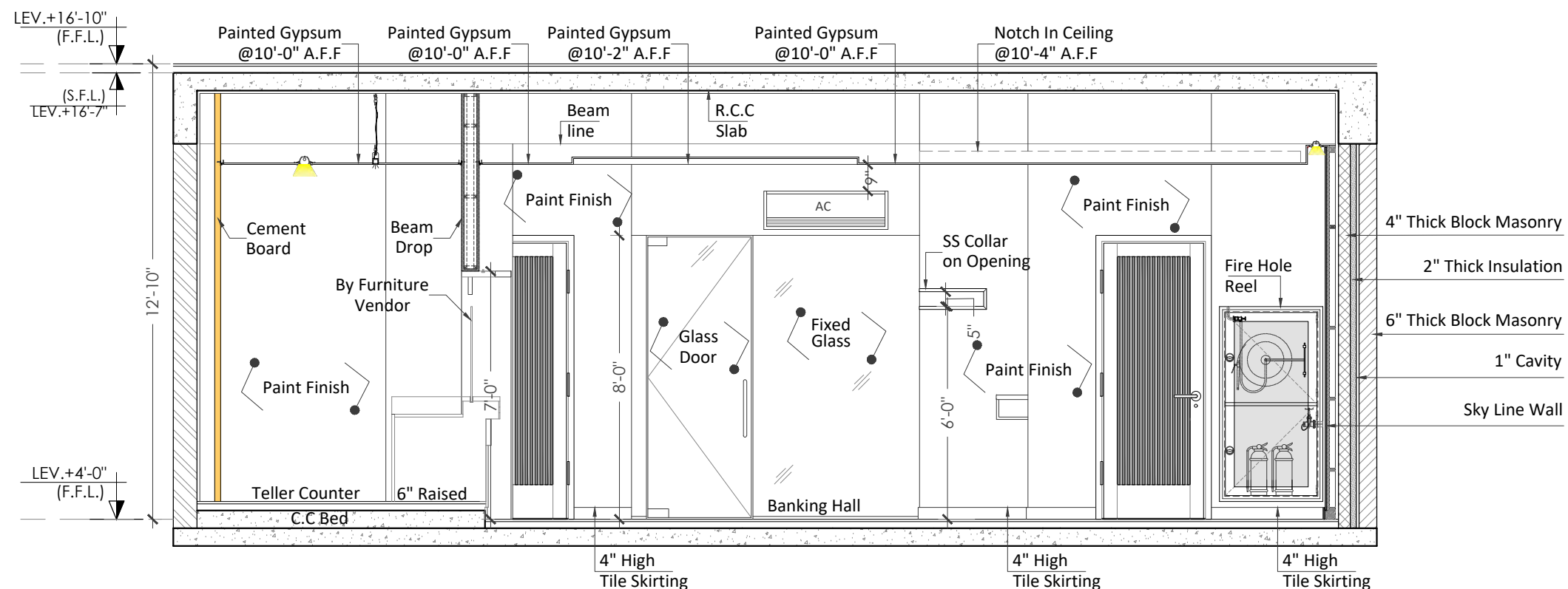
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TITLE

GROUND FLOOR INTERNAL ELEVATION

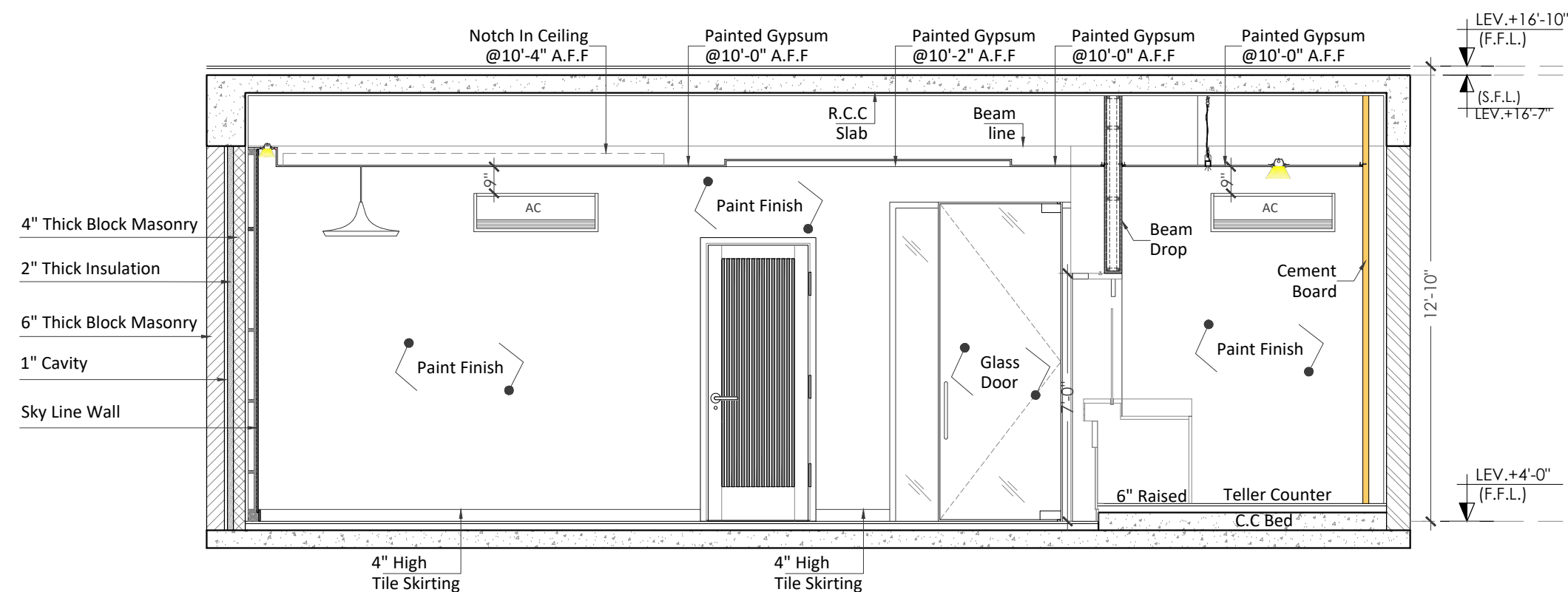
SCALE	DATE
AS SHOWN	Mar '25

DWG. NO.	SHEET	REV.
A-10	2 of 4	



ELEVATION -03

1/4"= 1'-0"



ELEVATION -04

1/4"= 1'-0"

CLIENT

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69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



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Address

PLOT NO
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TITLE

GROUND FLOOR
INTERNAL ELEVATION

SCALE

AS SHOWN

DATE

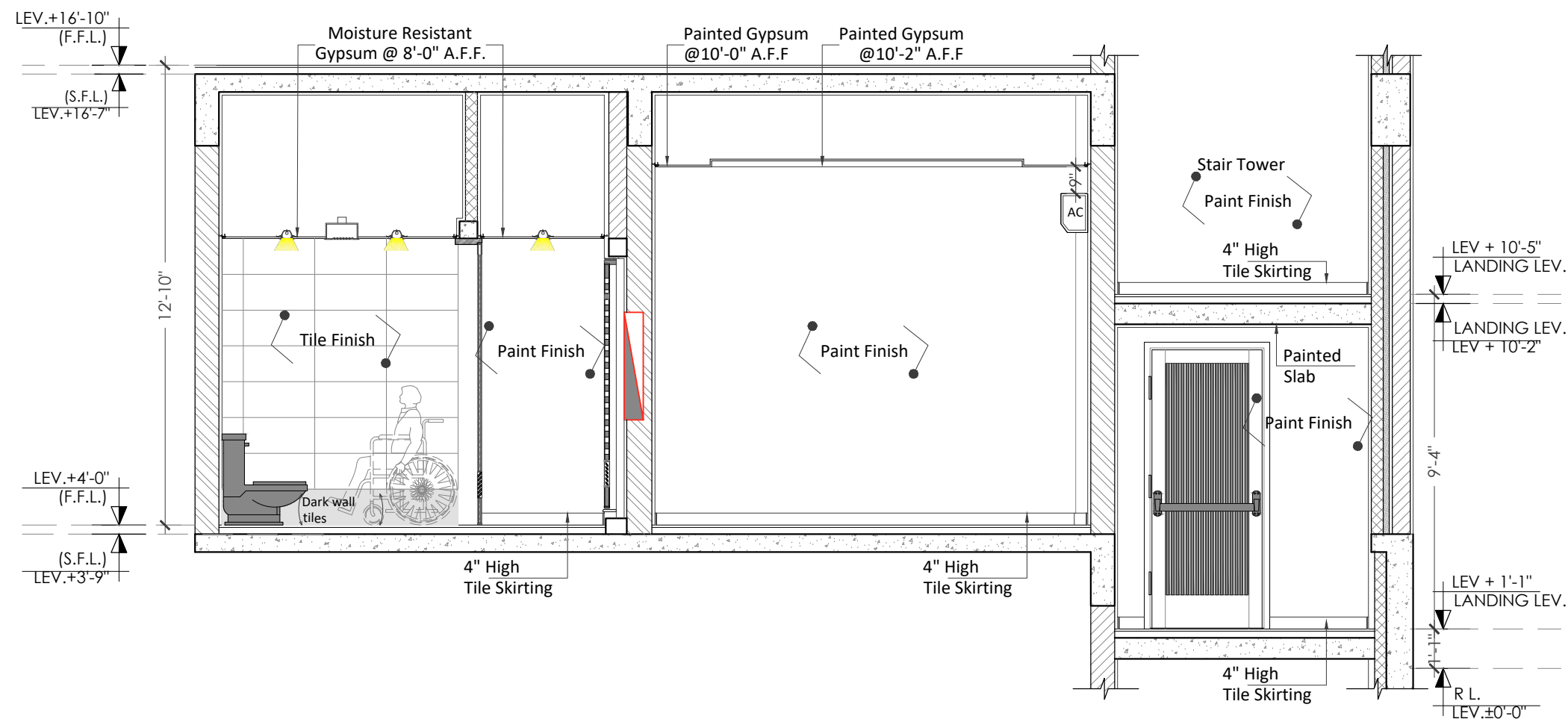
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DWG. NO.

A-10

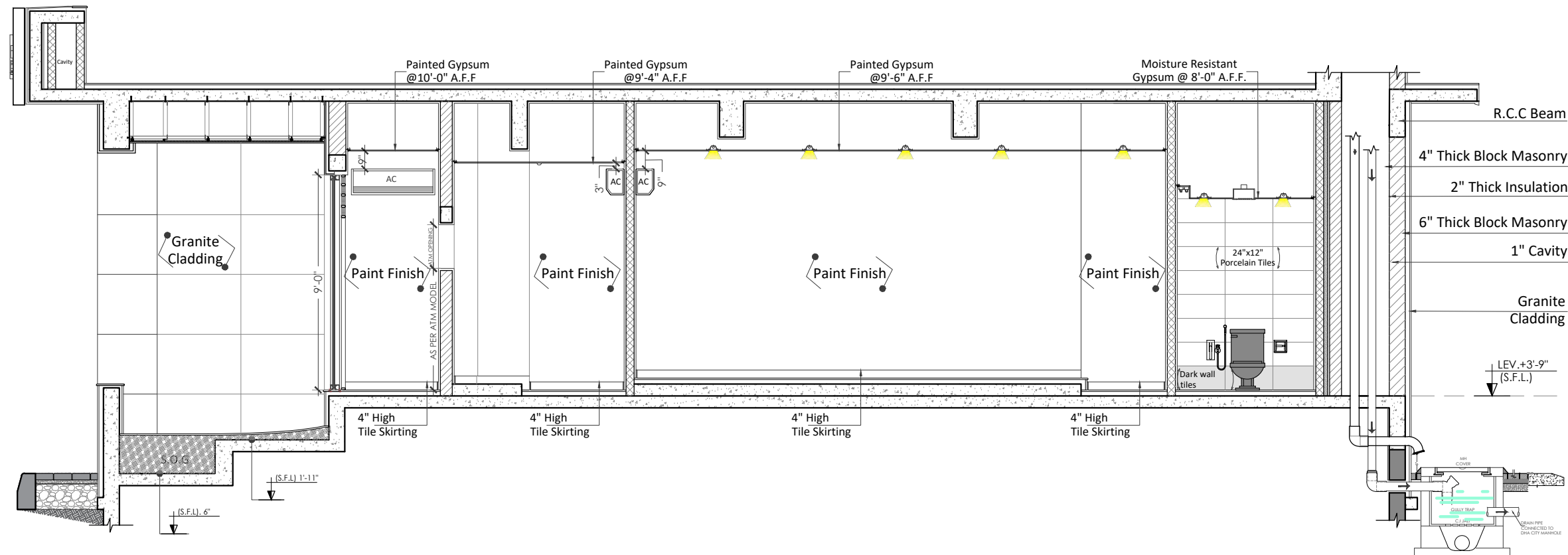
SHEET
3
of
4

REV.



ELEVATION -05

1/4"= 1'-0"



ELEVATION -06

3/16"= 1'-0"

CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

COLLABORATIVE DESIGN

STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
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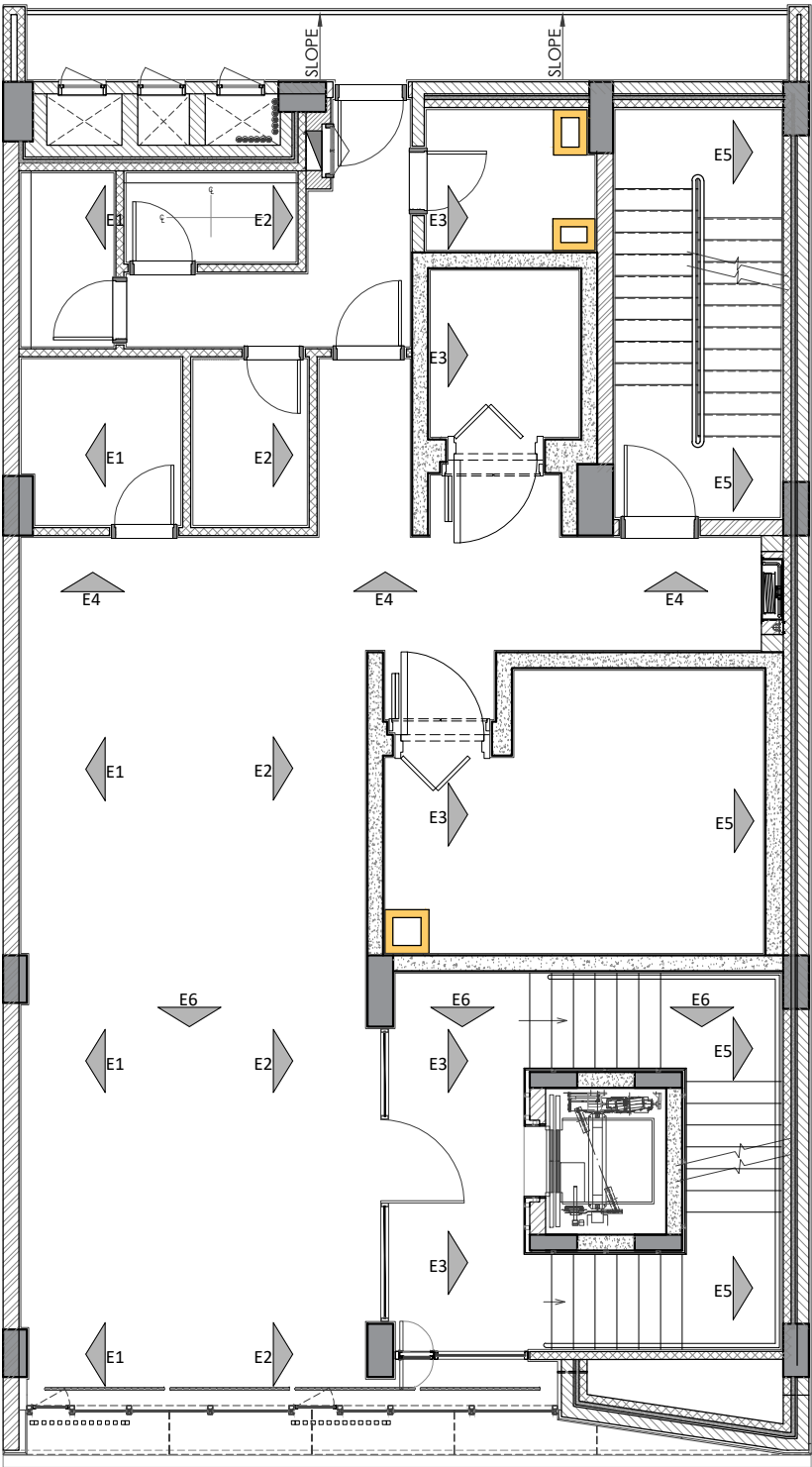
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SCALE		DATE
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DWG. NO.	A-10	SHEET 4 of 4
		REV.



PROJECT

HBL
69-C,National
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INTERNAL ELEVATION
MARKER PLAN

SCALE

1/8"= 1'-0"

DATE

Mar '25

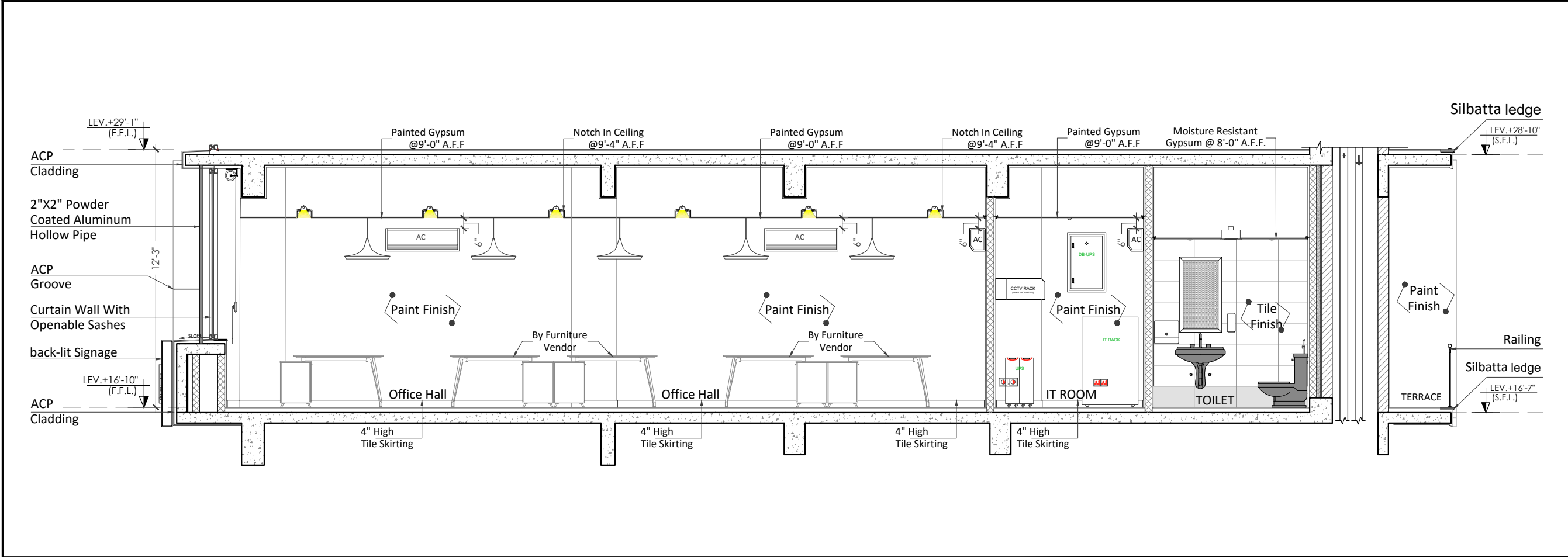
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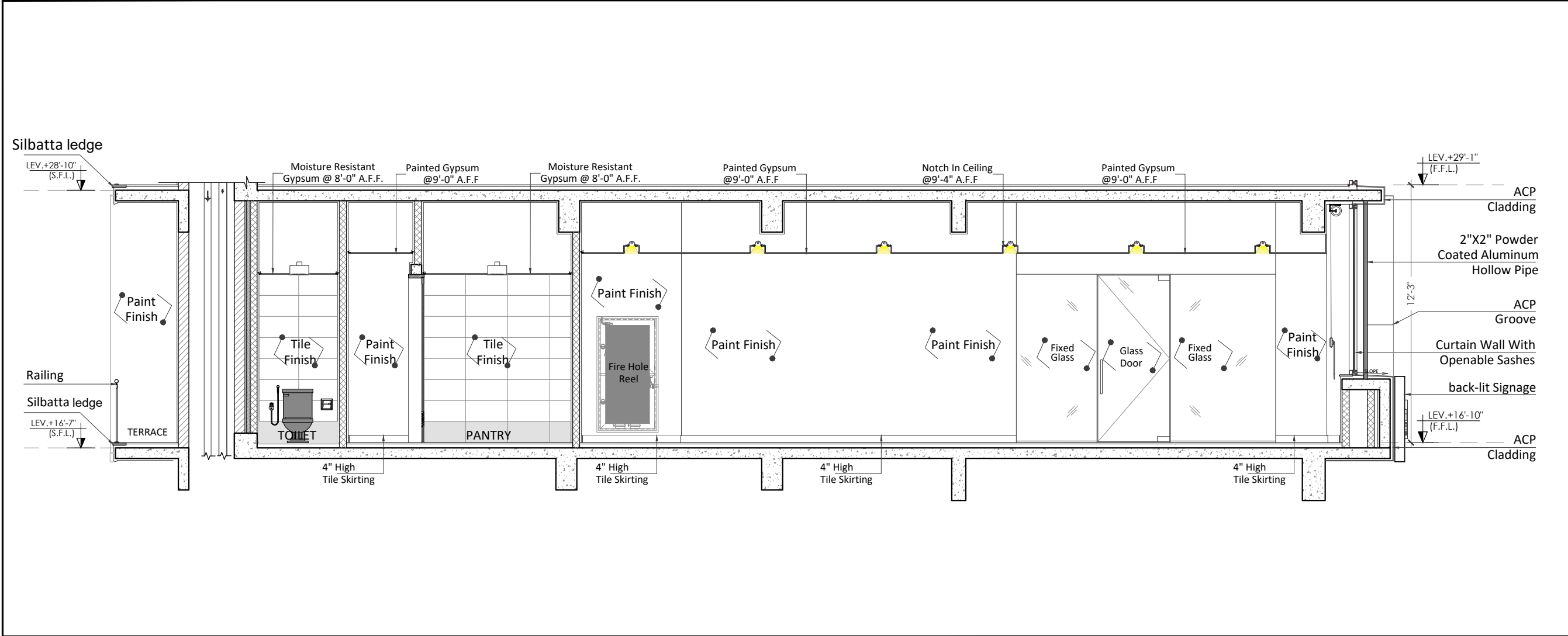
SHEET

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1
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4



ELEVATION -01 3/16"= 1'-0"



ELEVATION -02 3/16"= 1'-0"

CLIENT

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69-C,National Highway, PH.II

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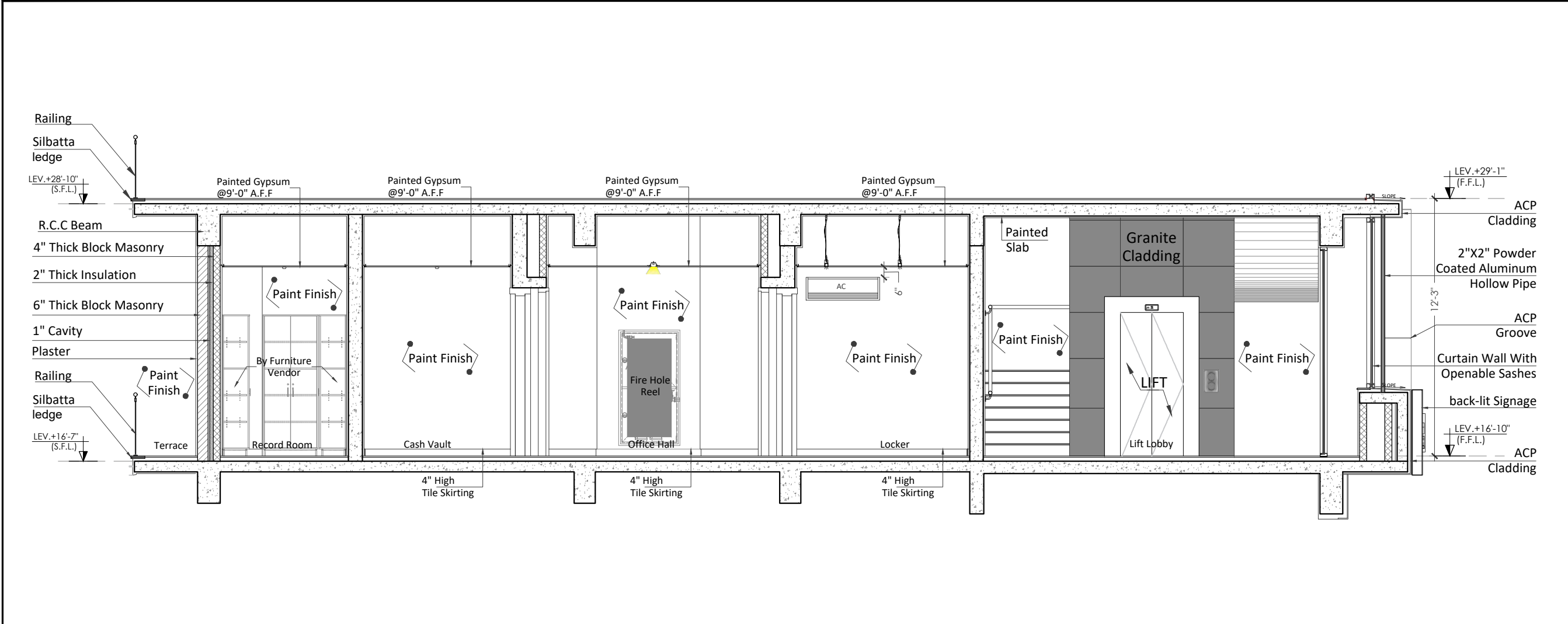
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TITLE

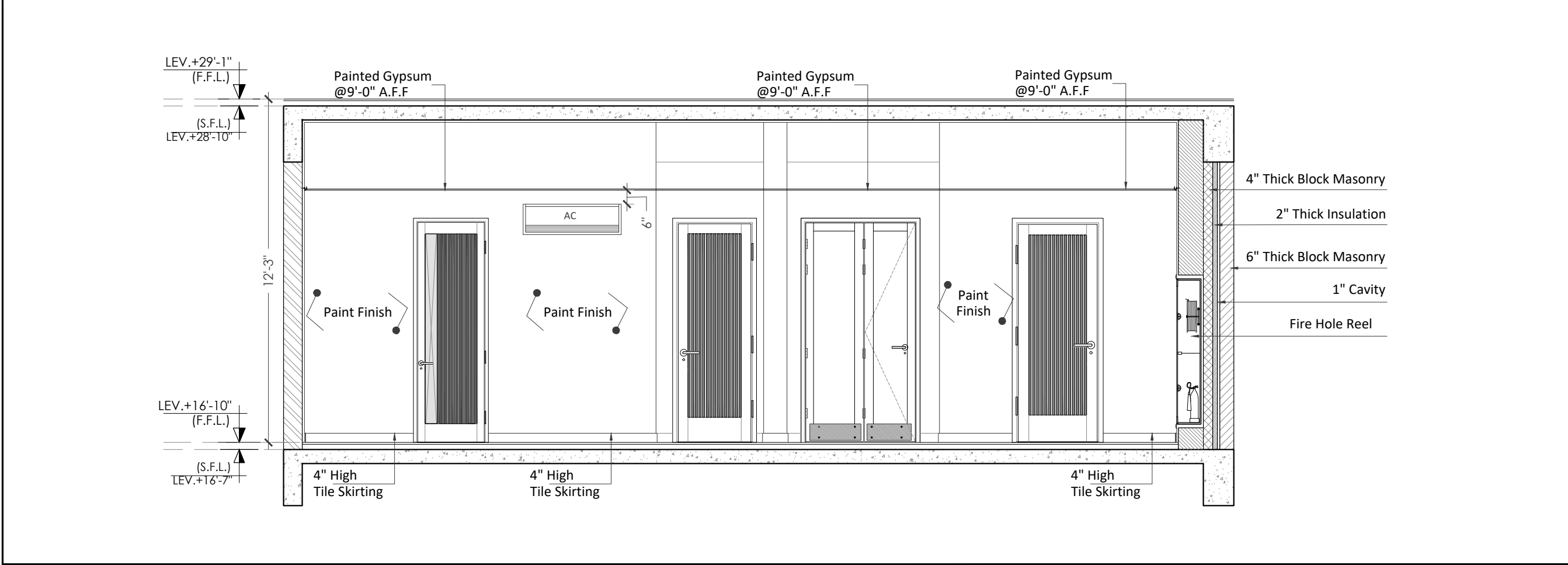
FIRST FLOOR
INTERNAL ELEVATION

SCALE	DATE
AS SHOWN	Mar '25

DWG. NO.	SHEET	REV.
A-10	2 of 4	



ELEVATION -03 3/16"= 1'-0"



ELEVATION -04 1/4"= 1'-0"

CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



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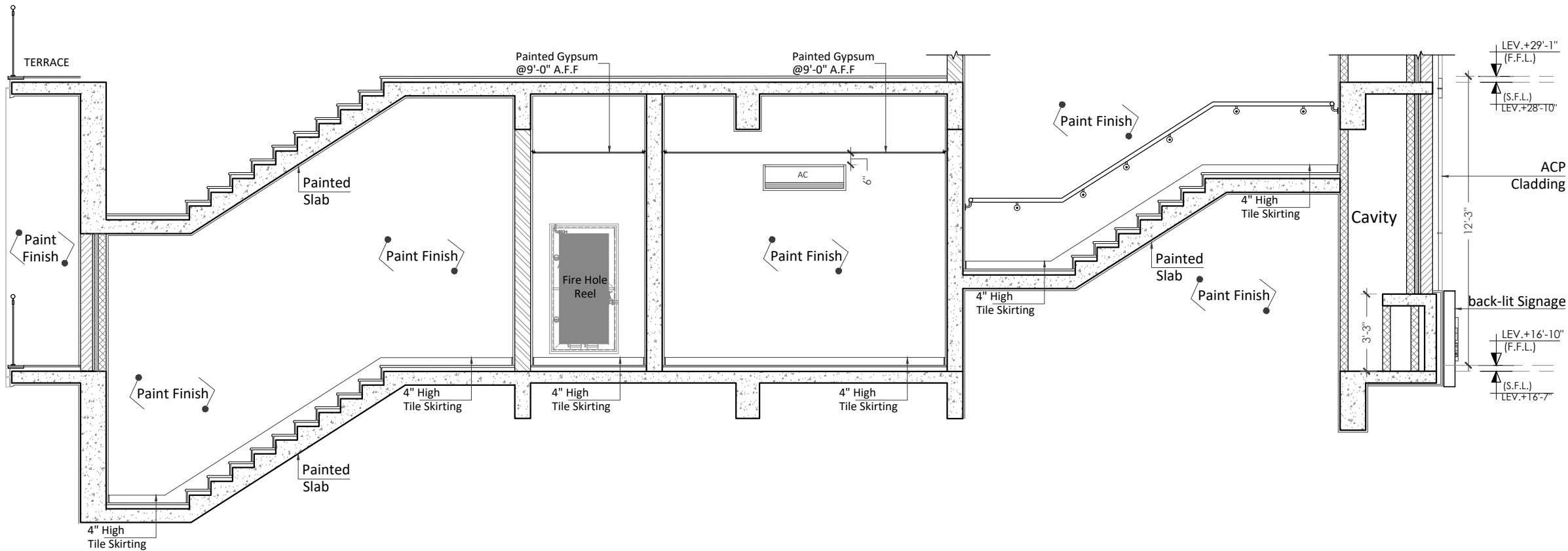
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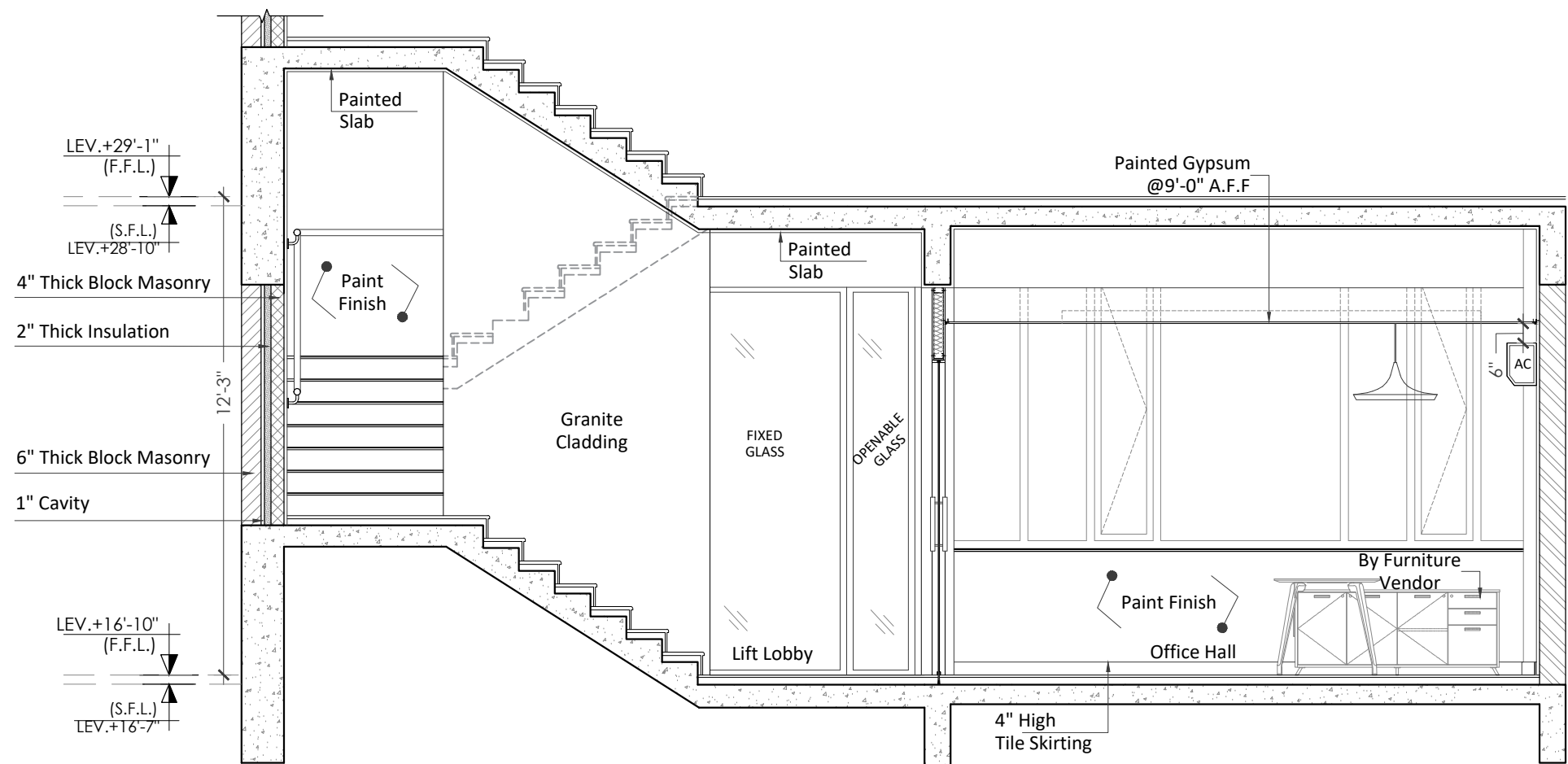
FIRST FLOOR
INTERNAL ELEVATION

SCALE	DATE
AS SHOWN	Mar '25

DWG. NO.	A-10	SHEET	3 of 4	REV.
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ELEVATION -05 3/16"= 1'-0"



ELEVATION -06 1/4"= 1'-0"

CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS


COLLABORATIVE
DESIGN

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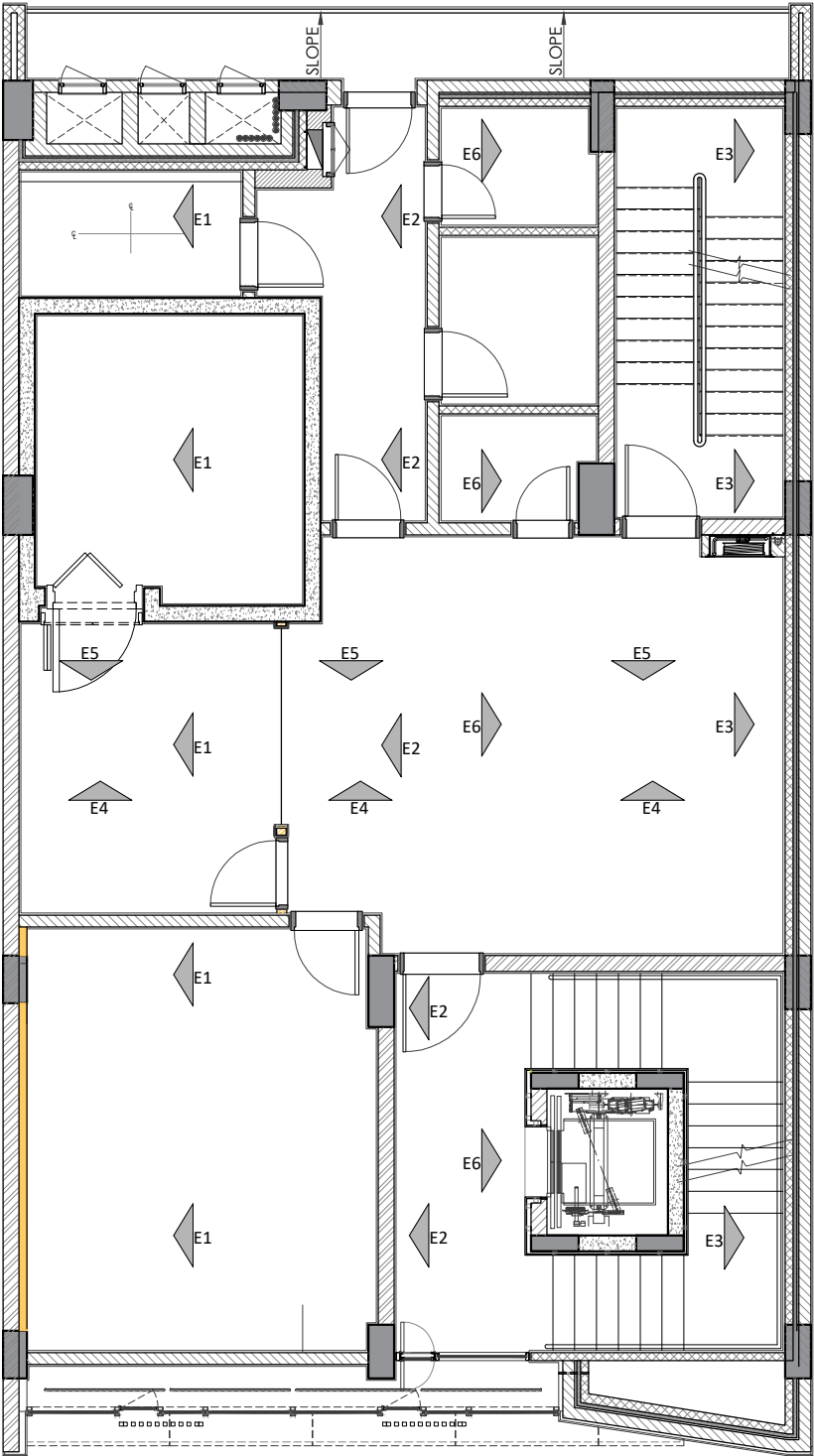
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PLOT NO 69-C,National Highway, PH.II		
TITLE		
FIRST FLOOR INTERNAL ELEVATION		
SCALE		DATE
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DWG. NO.	A-10	SHEET 4 of 4
		REV.



PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



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PLOT NO
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TITLE

INTERNAL ELEVATION
MARKER PLAN

SCALE

1/8"= 1'-0"

DATE

Mar '25

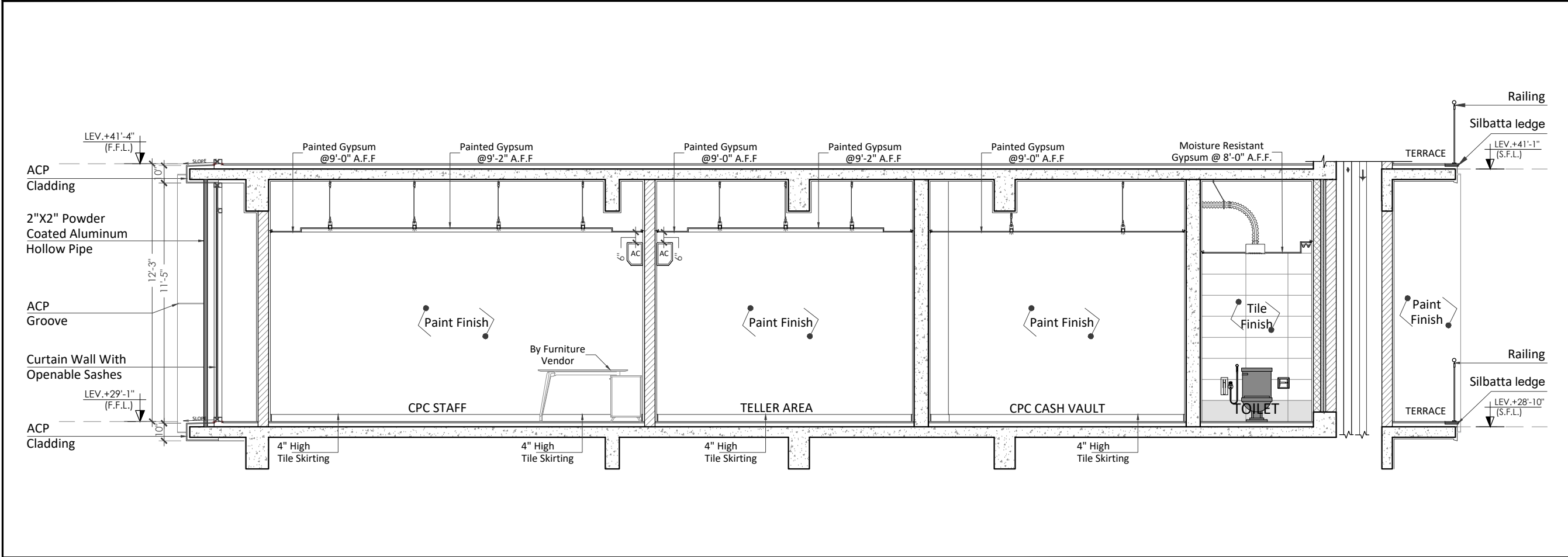
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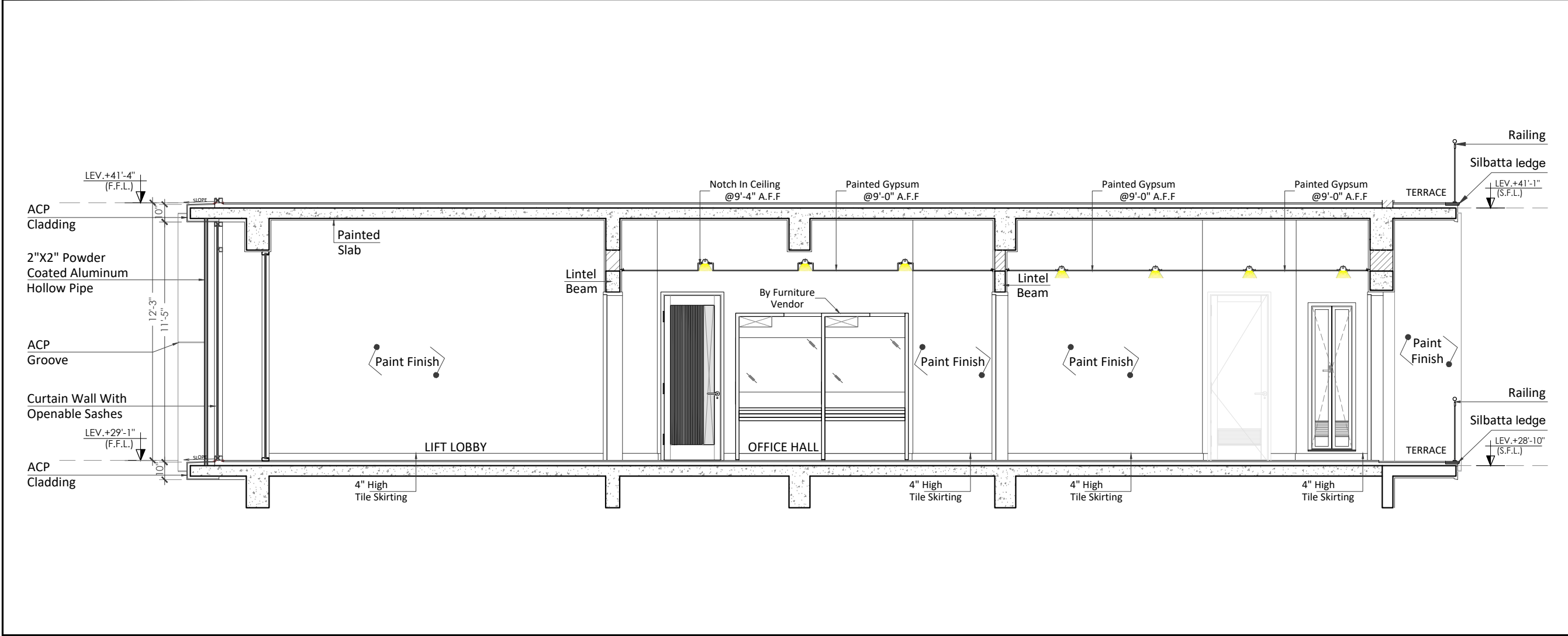
REV.

1
of
4



ELEVATION -01

3/16"= 1'-0"



ELEVATION -02

3/16"= 1'-0"

CLIENT

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69-C,National Highway, PH.II

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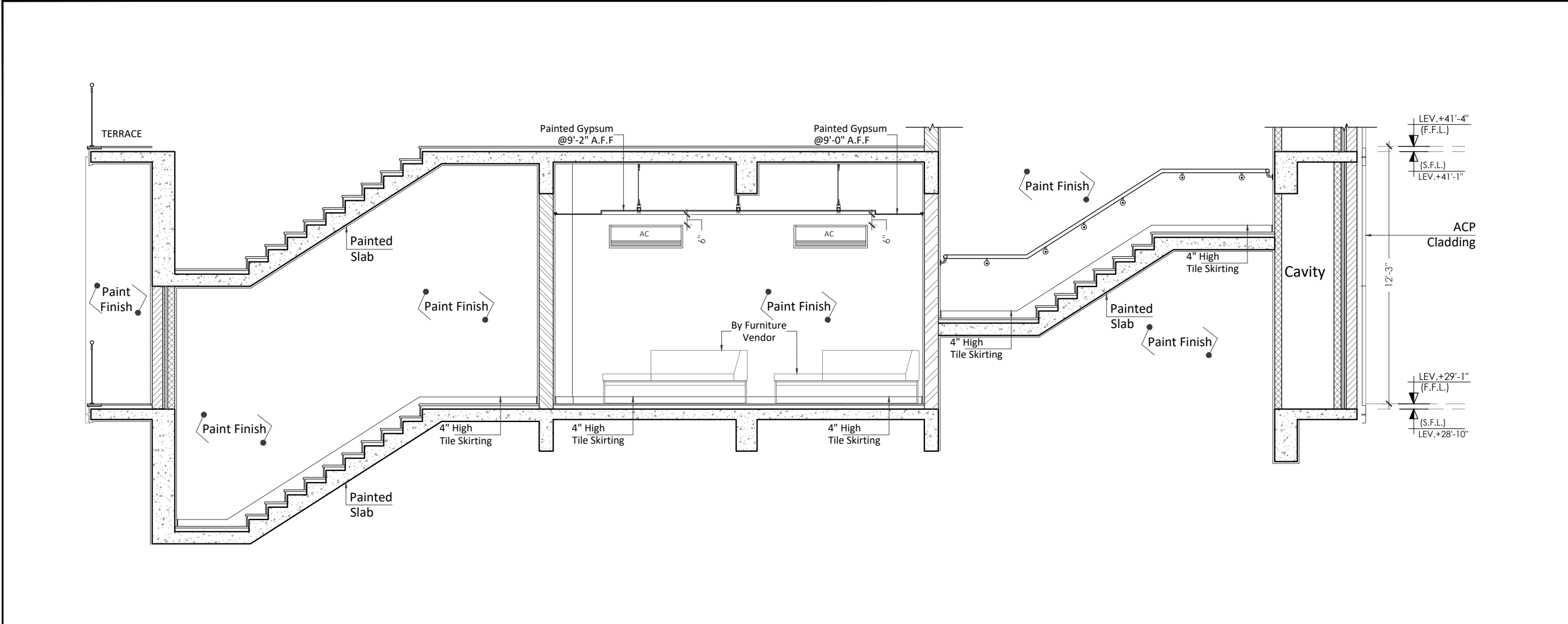
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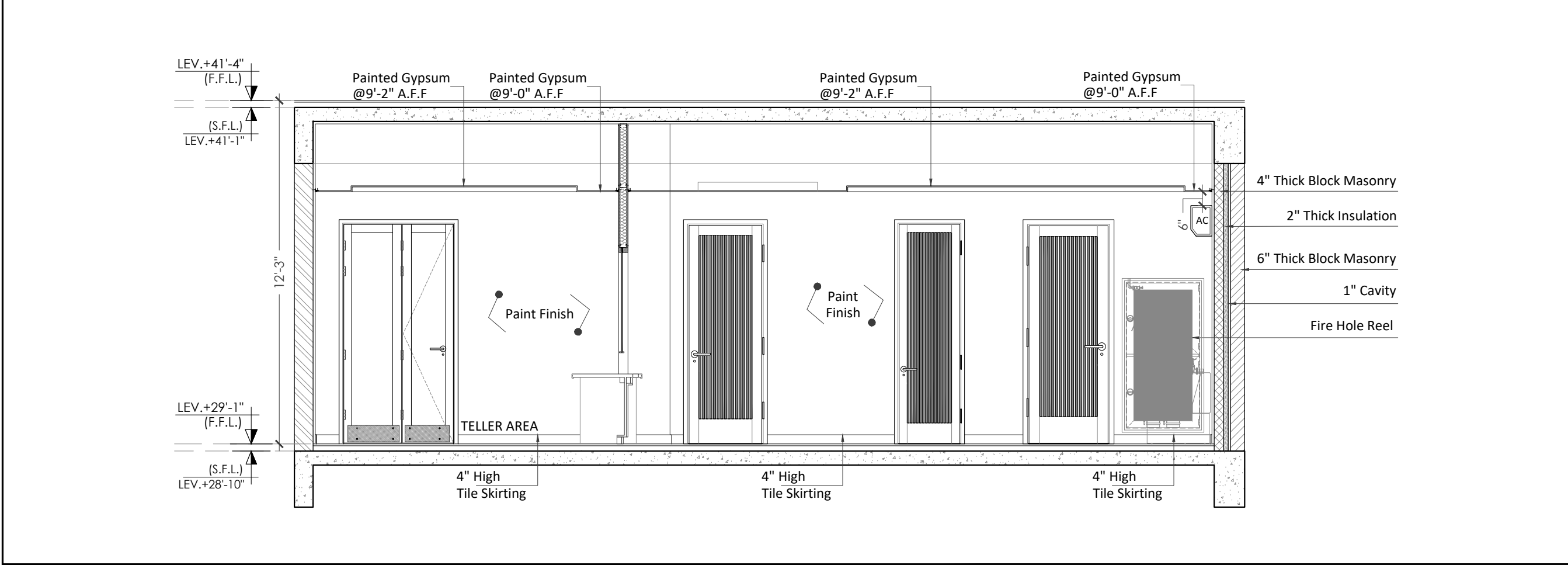
FIRST FLOOR
INTERNAL ELEVATION

SCALE	DATE
AS SHOWN	Mar '25

DWG. NO.	A-10	SHEET	2 of 4	REV.
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ELEVATION -03 3/16"= 1'-0"



ELEVATION -04 1/4"= 1'-0"

CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS


COLLABORATIVE DESIGN

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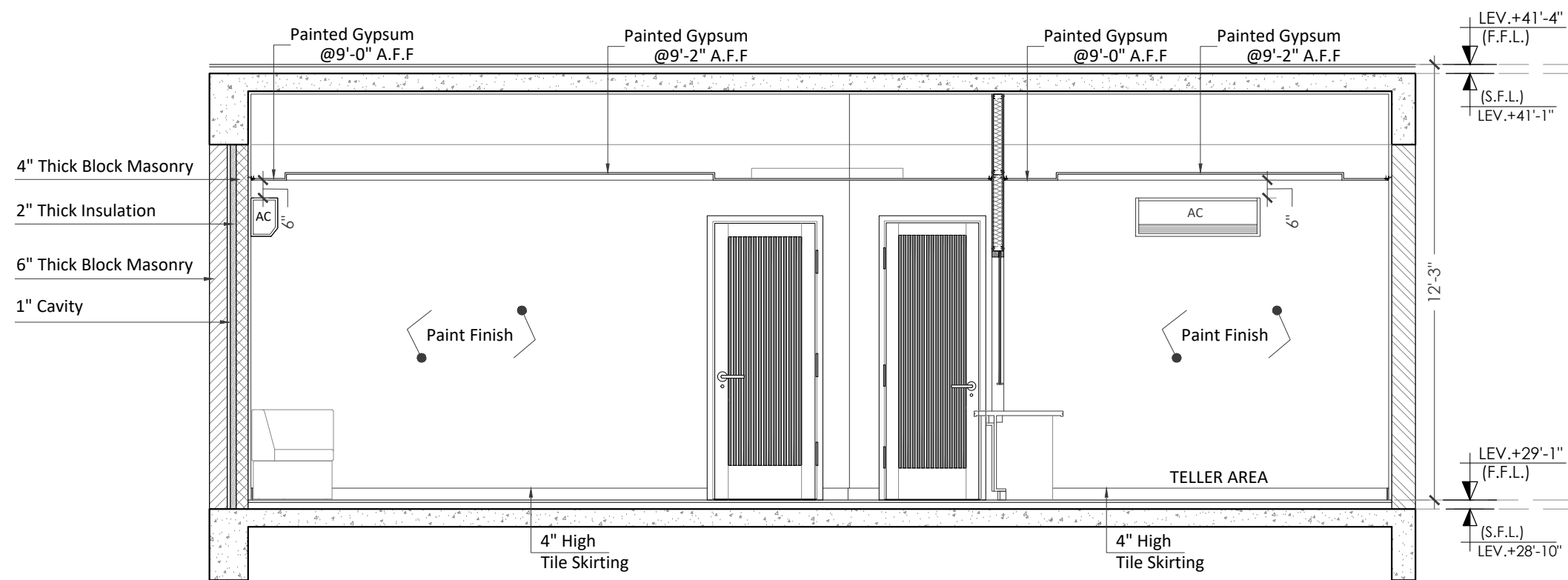
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FIRST FLOOR
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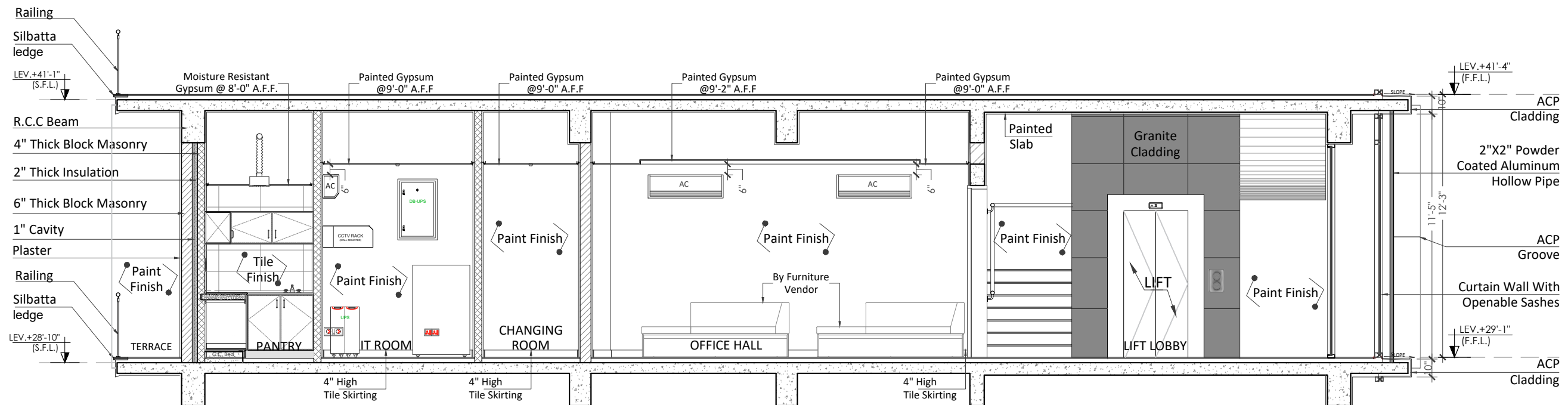
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DWG. NO.	A-10	SHEET	3 of 4	REV.
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ELEVATION -05

1/4" = 1'-0"



ELEVATION -06

3/16" = 1'-0"

CLIENT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

COLLABORATIVE DESIGN

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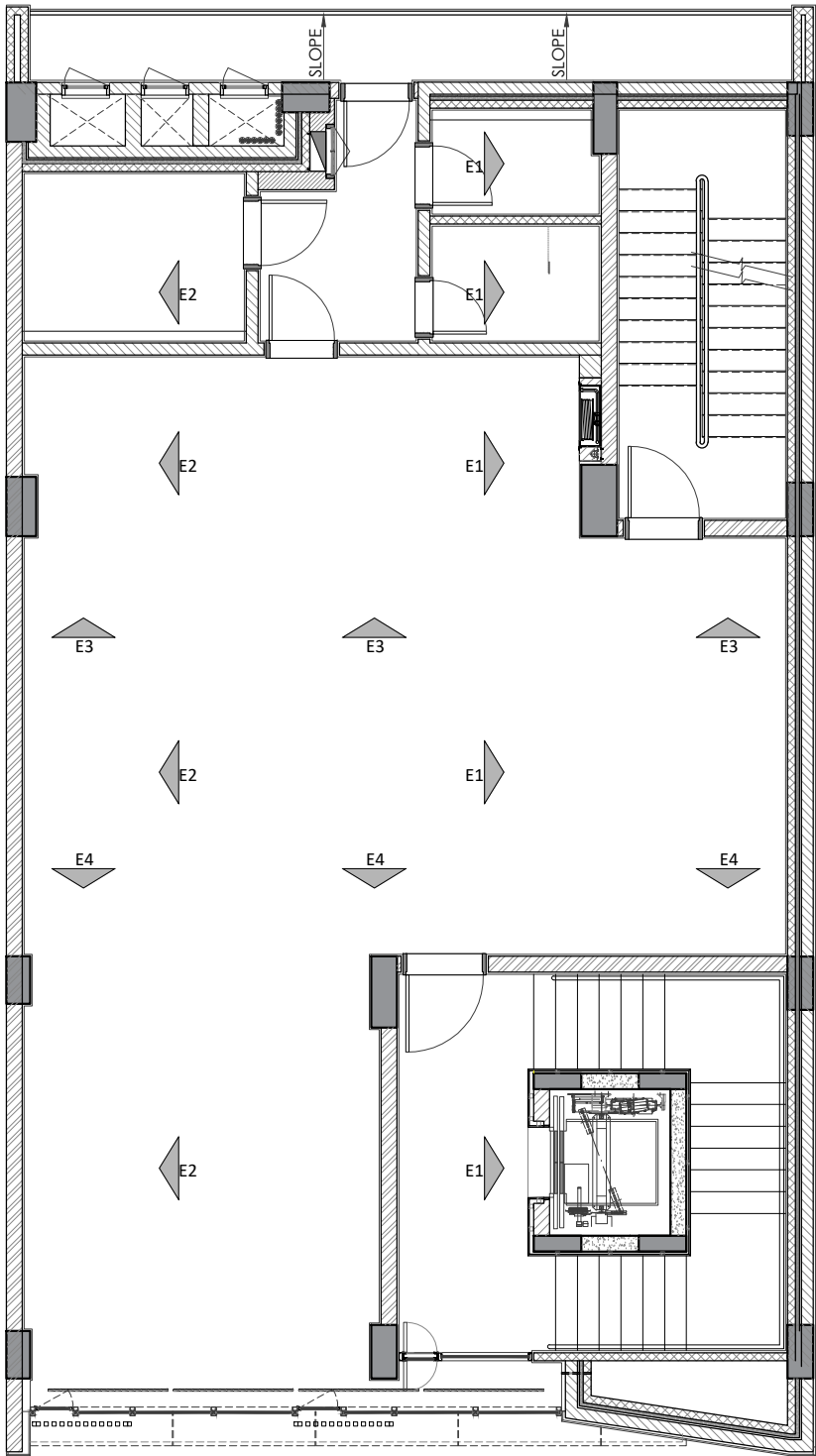
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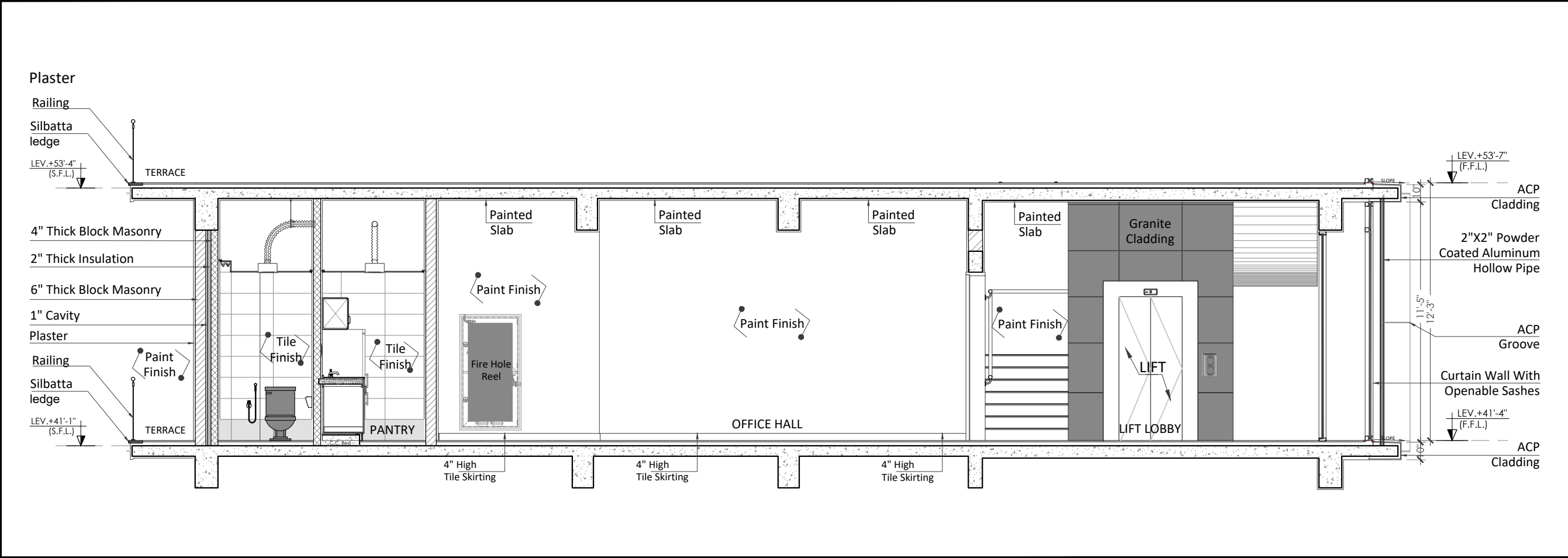
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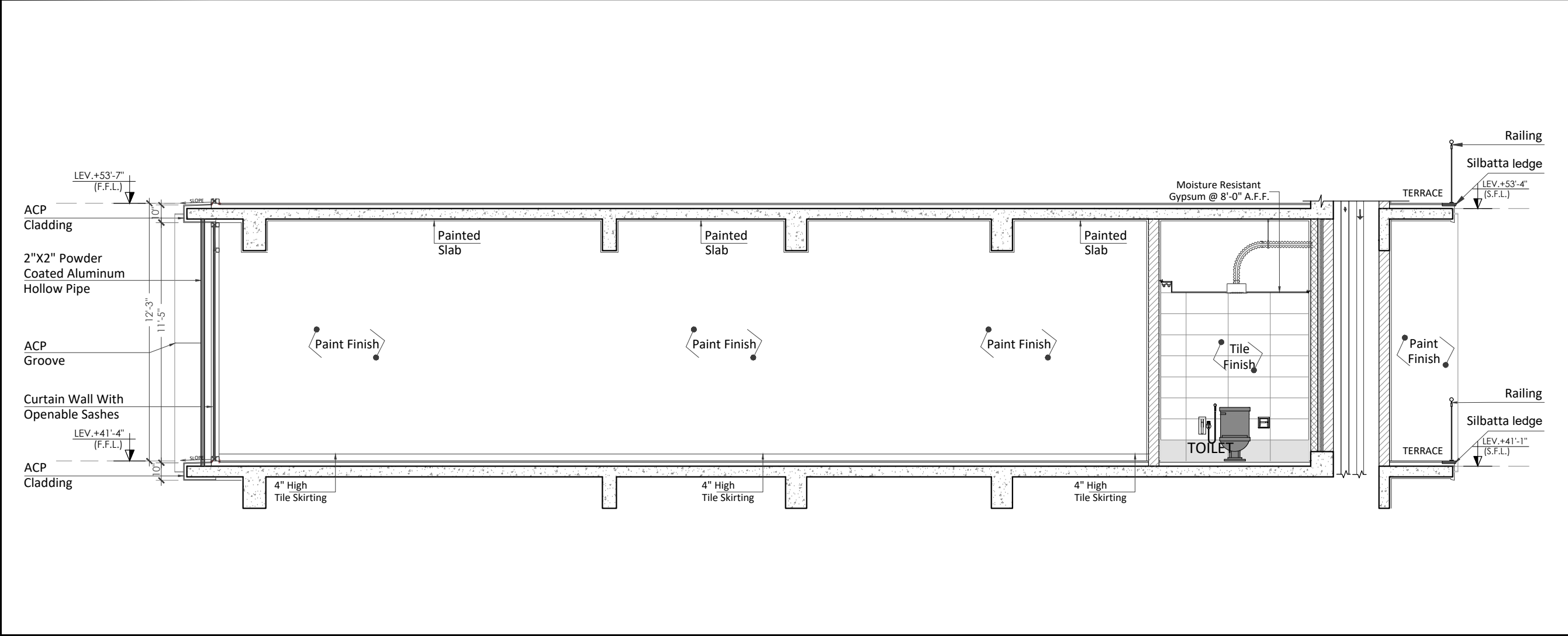
SHEET

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1
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ELEVATION -01 3/16"= 1'-0"



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NOTE:

* ALL DIMENSIONS ARE IN FEET (') AND INCHES (")
* ALL ERROR EMISSION TO BE REPORTED TO THE ARCHITECT DURING EXCECUITON WORK

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

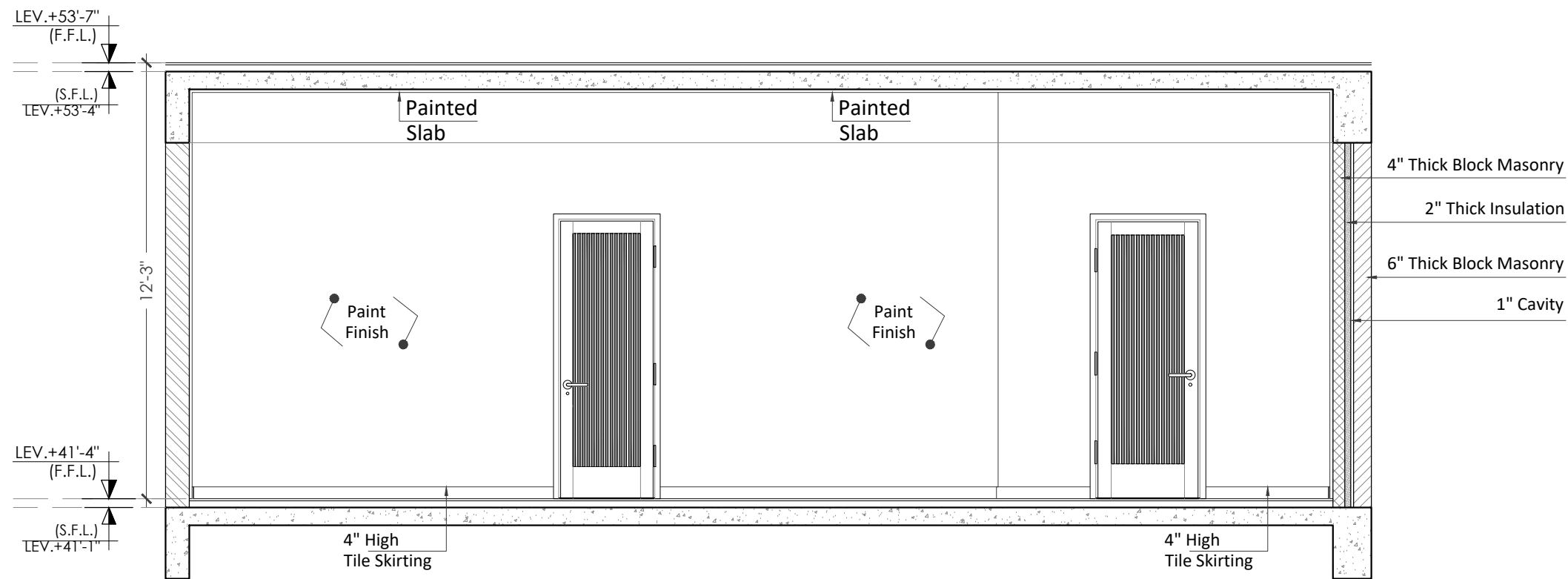
PLOT NO
69-C,National Highway, PH.II

TITLE

FIRST FLOOR
INTERNAL ELEVATION

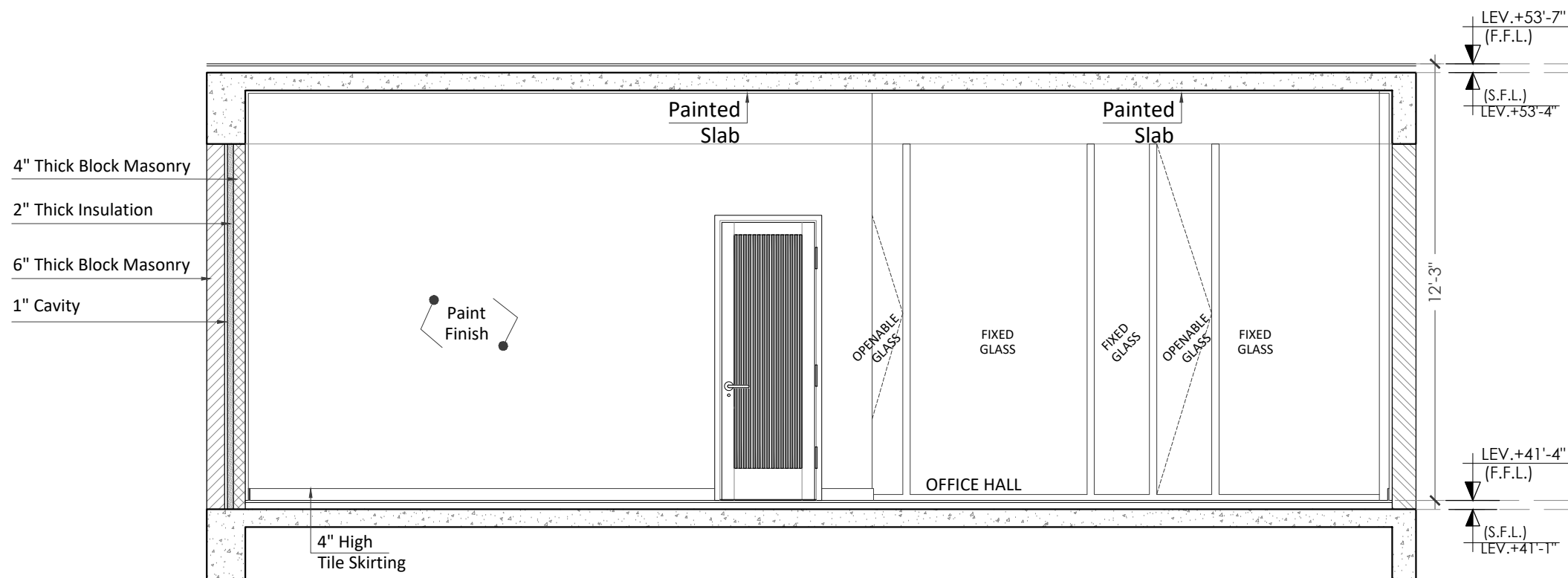
SCALE	DATE
AS SHOWN	Mar '25

DWG. NO.	A-10	SHEET	2 of 3	REV.
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ELEVATION -03

1/4"= 1'-0"



ELEVATION -04

1/4"= 1'-0"

CLIENT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

COLLABORATIVE
DESIGN

STRUCTURE CONSULTANT'S

Engineer: ARIF & ASSOCIATES
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

HVAC AND PLUMBING CONSULTANTS

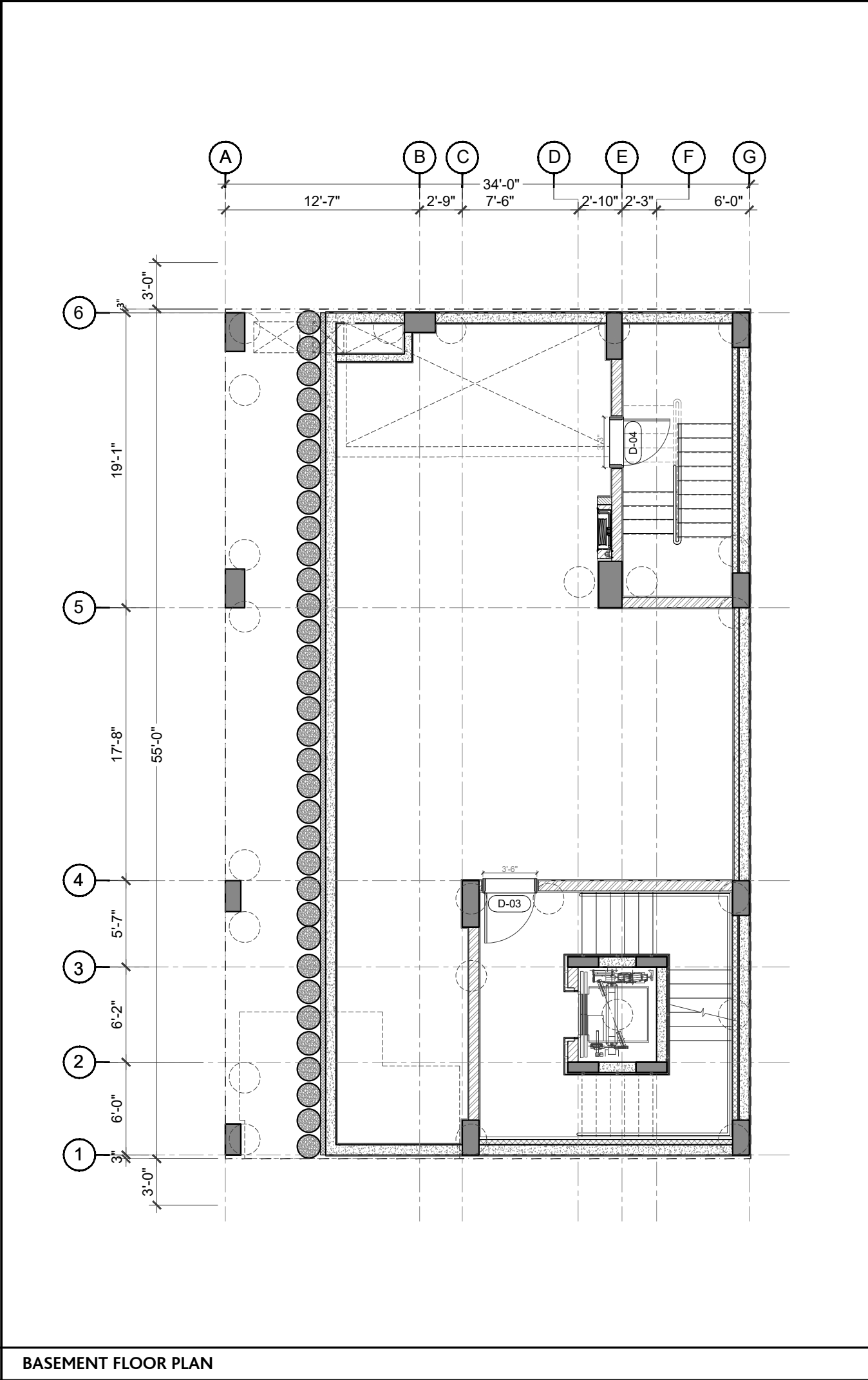
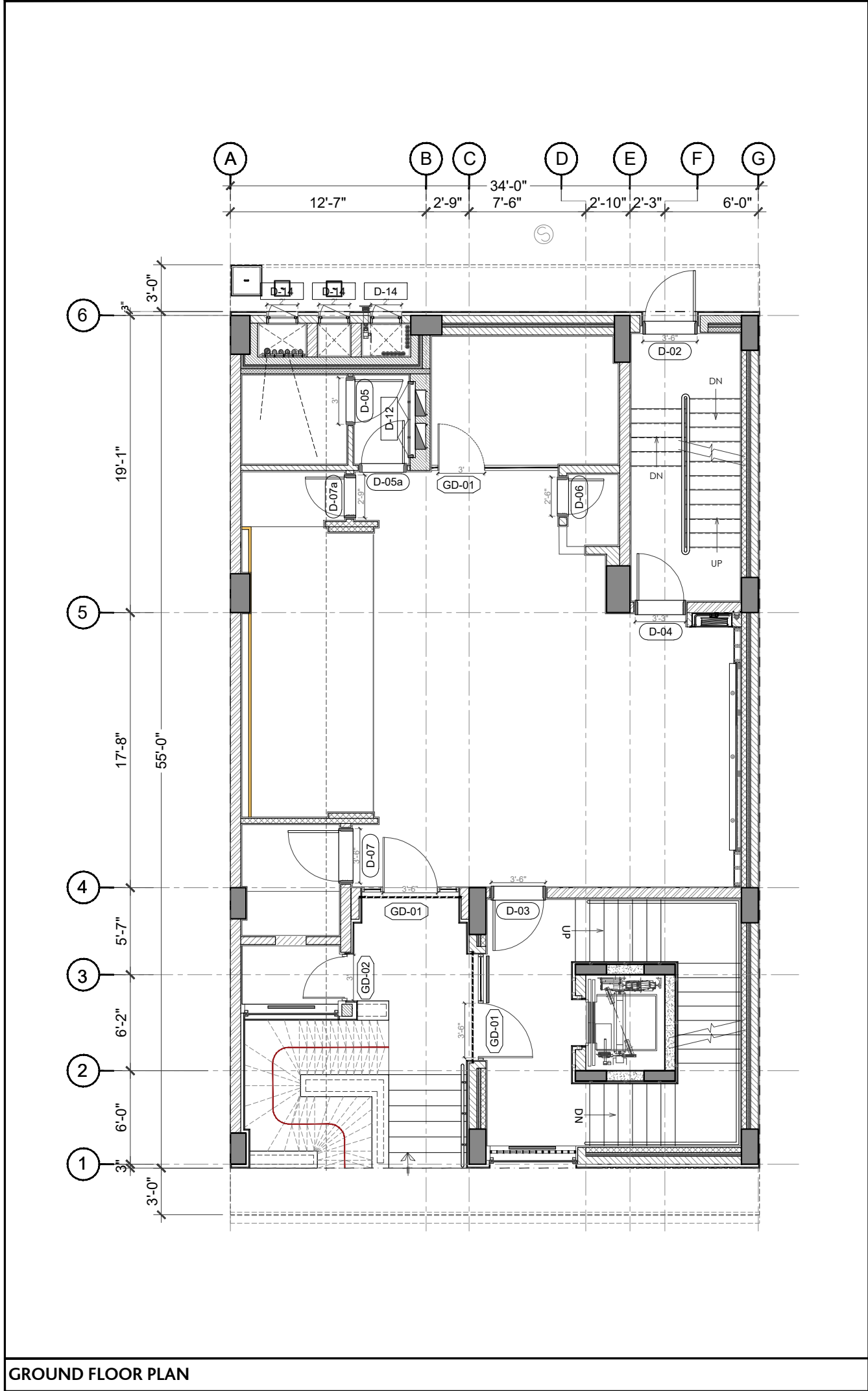
FAHIM, NANJI & DESOUZA
Consulting Engineers
HVAC, Plumbing, Mechanical
10, ILACO House, Abdullah Haroon Road, Karachi-74400
Pakistan
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Fax: (92-21) 521-1634
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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE
CLIENT		
HABIB BANK LIMITED		
Address		
PLOT NO 69-C,National Highway, PH.II		
TITLE		
FIRST FLOOR INTERNAL ELEVATION		
SCALE		DATE
AS SHOWN		Mar '25
DWG. NO.	A-10	SHEET 3 of 3
		REV.



PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



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* ALL ERROR EMISSION TO BE REPORTED TO THE ARCHITECT DURING EXCECUITON WORK
*DOOR OPENING FOLLOWS AS PER DOOR MARKING PLAN

PARTITION KEY

6" MASONRY WALL	
8" MASONRY WALL	
4" MASONRY WALL	
R.C.C COLUMN	
R.C.C WALL	
CEMENT BOARD 4" THICK	
2" INSULATION	

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

**PLOT NO
69-C,National Highway, PH.II**

TITLE

DOOR MARKING

SCALE

1/8"= 1'-0"

DATE

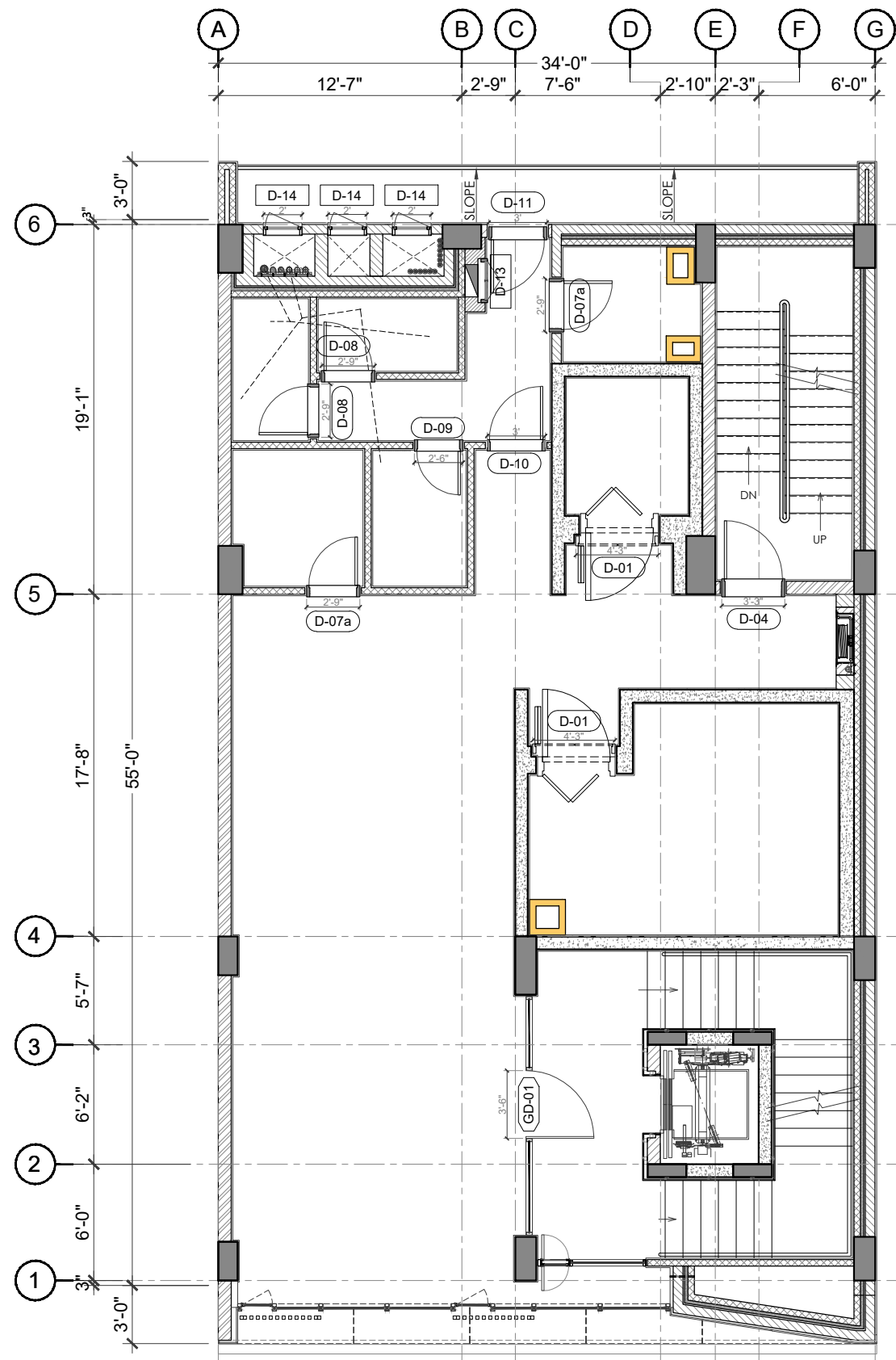
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DWG. NO.

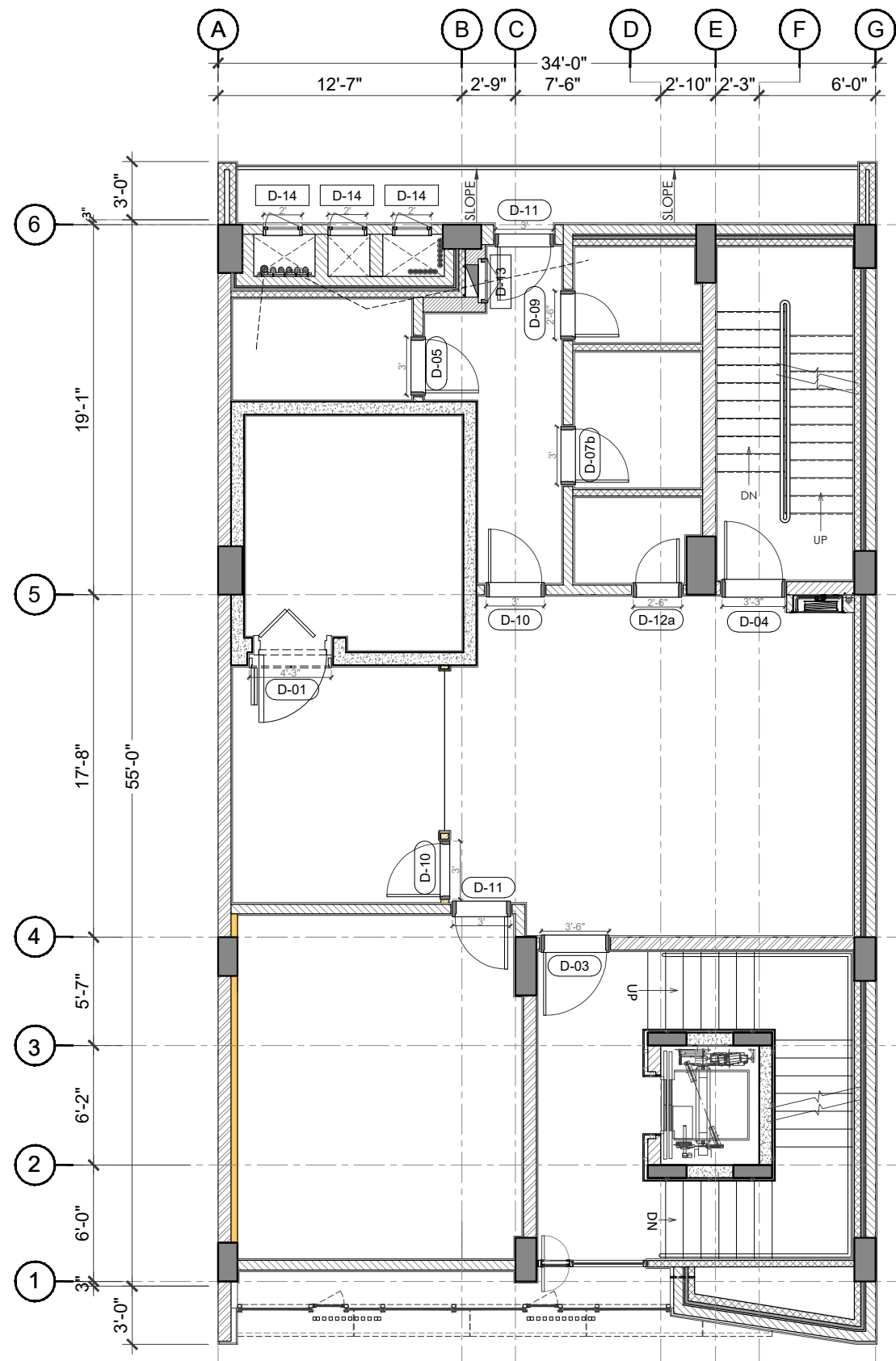
SHEET

1 of 16

REV.



FIRST FLOOR PLAN



SECOND FLOOR PLAN

PROJECT

HBL
69-C, National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
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- * DOOR OPENING FOLLOWS AS PER DOOR MARKING PLAN

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8" MASONRY WALL	
4" MASONRY WALL	
R.C.C COLUMN	
R.C.C WALL	
CEMENT BOARD 4" THICK	
2" INSULATION	

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C, National Highway, PH.II

TITLE

DOOR MARKING

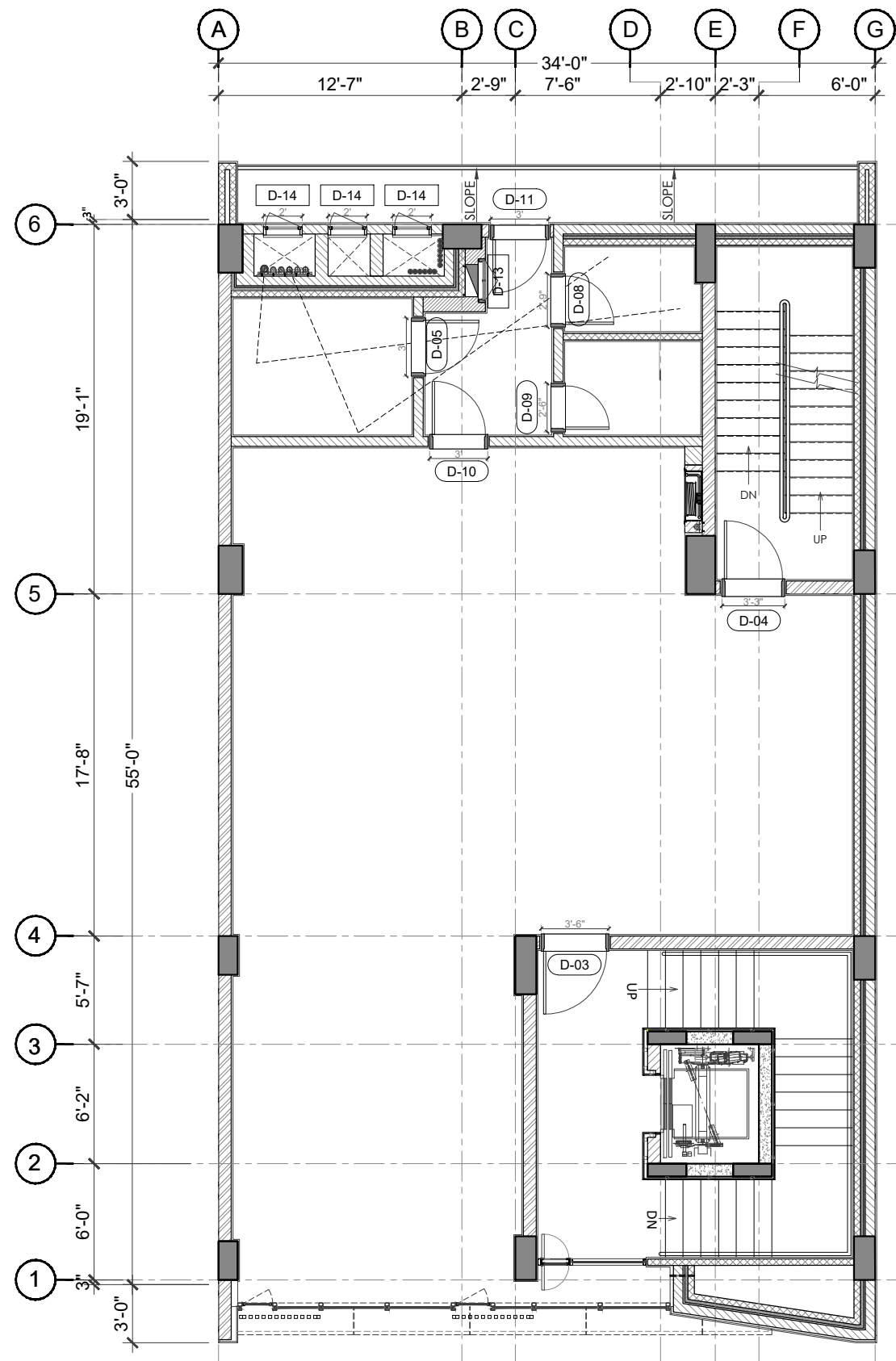
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1/8" = 1'-0"

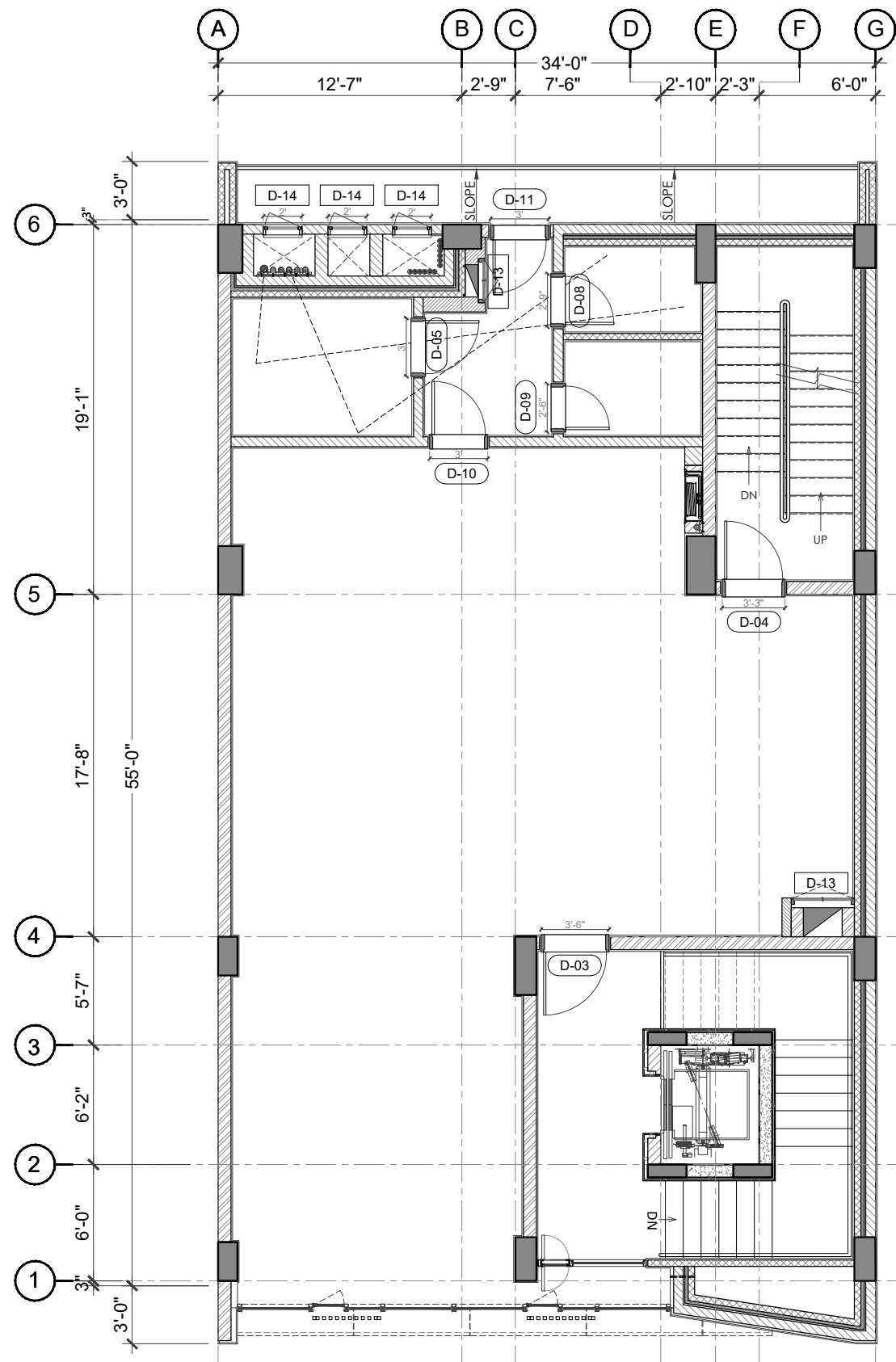
DATE

Mar '25

DWG. NO.	SHEET	REV.
	2 of 16	



THIRD FLOOR PLAN



FOURTH FLOOR PLAN

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



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EXCECUITON WORK

*DOOR OPENING FOLLOWS AS PER
DOOR MARKING PLAN

PARTITION KEY

6" MASONRY WALL	
8" MASONRY WALL	
4" MASONRY WALL	
R.C.C COLUMN	
R.C.C WALL	
CEMENT BOARD 4" THICK	
2" INSULATION	

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

DOOR MARKING

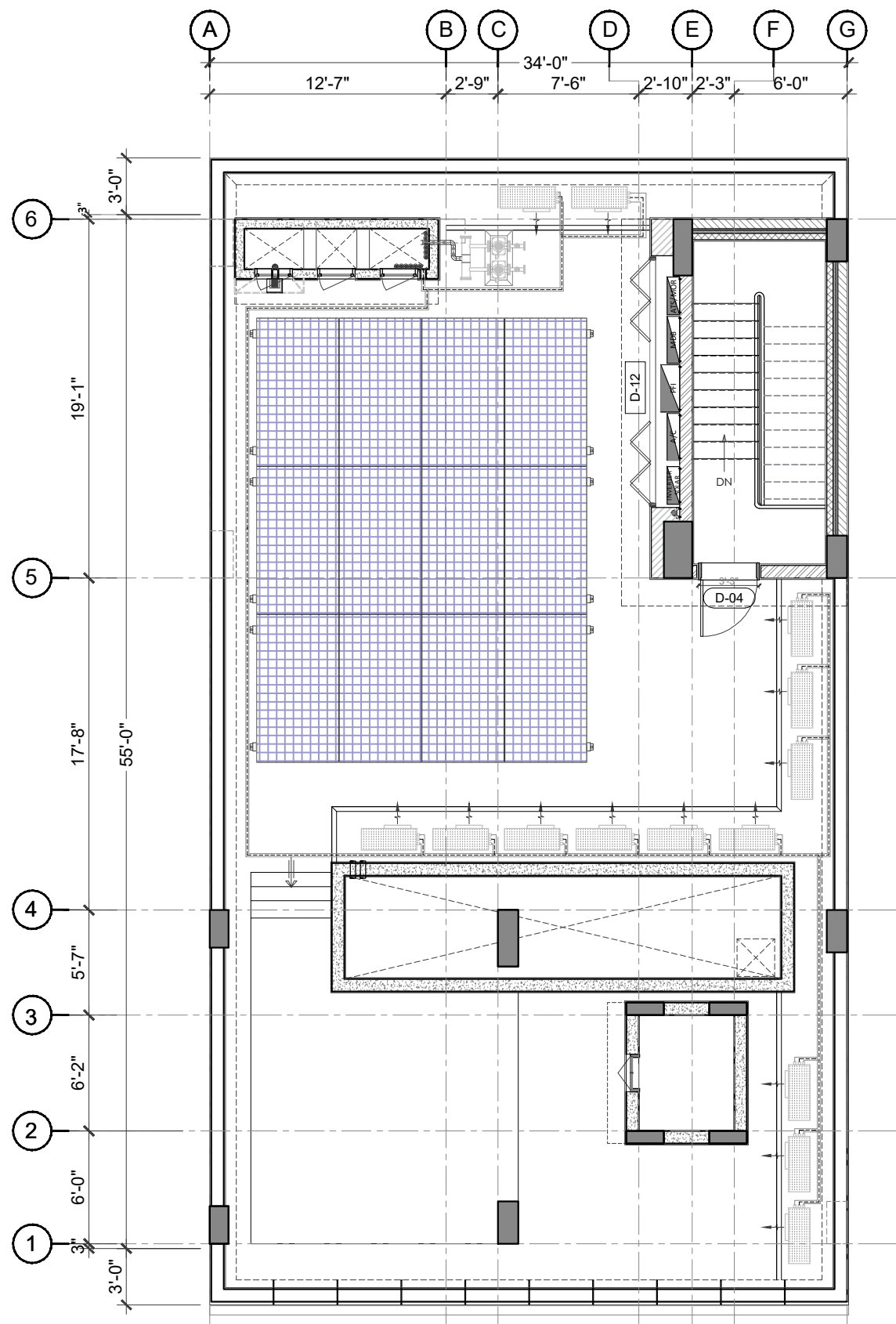
SCALE

1/8" = 1'-0"

DATE

Mar '25

DWG. NO.	D-1	SHEET	3 of 16	REV.
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PROJECT

HBL
69-C,National
Highway, PH.II

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PARTITION KEY

6" MASONRY WALL	
8" MASONRY WALL	
4" MASONRY WALL	
R.C.C COLUMN	
R.C.C WALL	
CEMENT BOARD 4" THICK	
2" INSULATION	

01	ISSUE FOR Construction	24-3-25
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HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

DOOR MARKING

SCALE

1/8"= 1'-0"

DATE

Mar '25

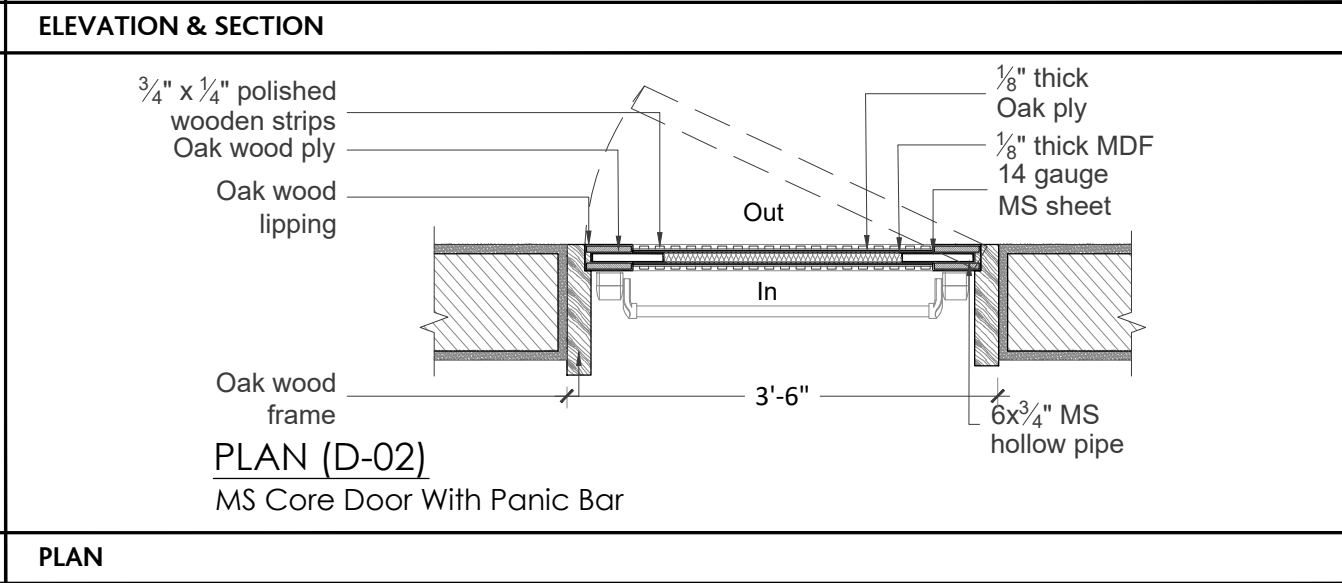
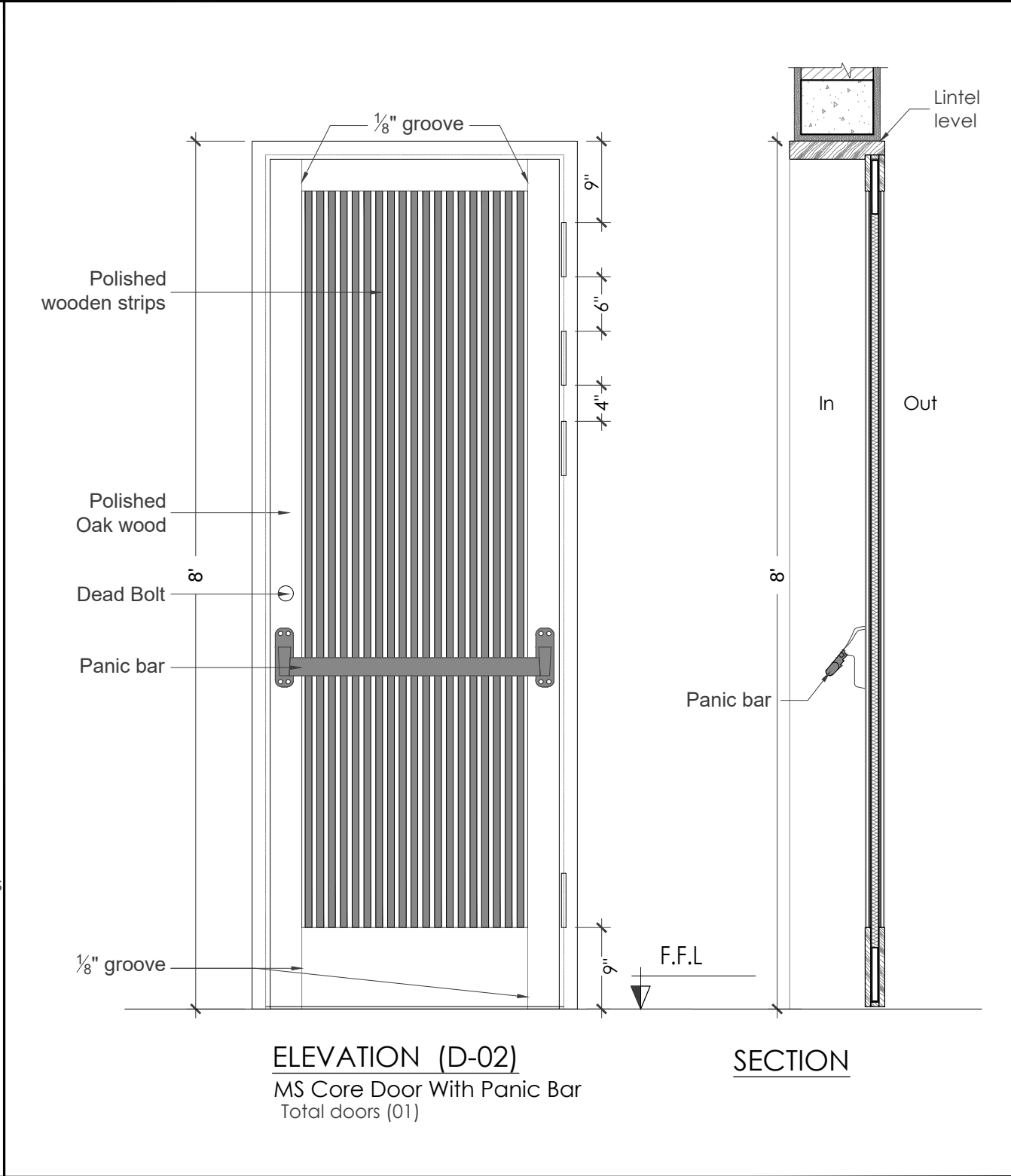
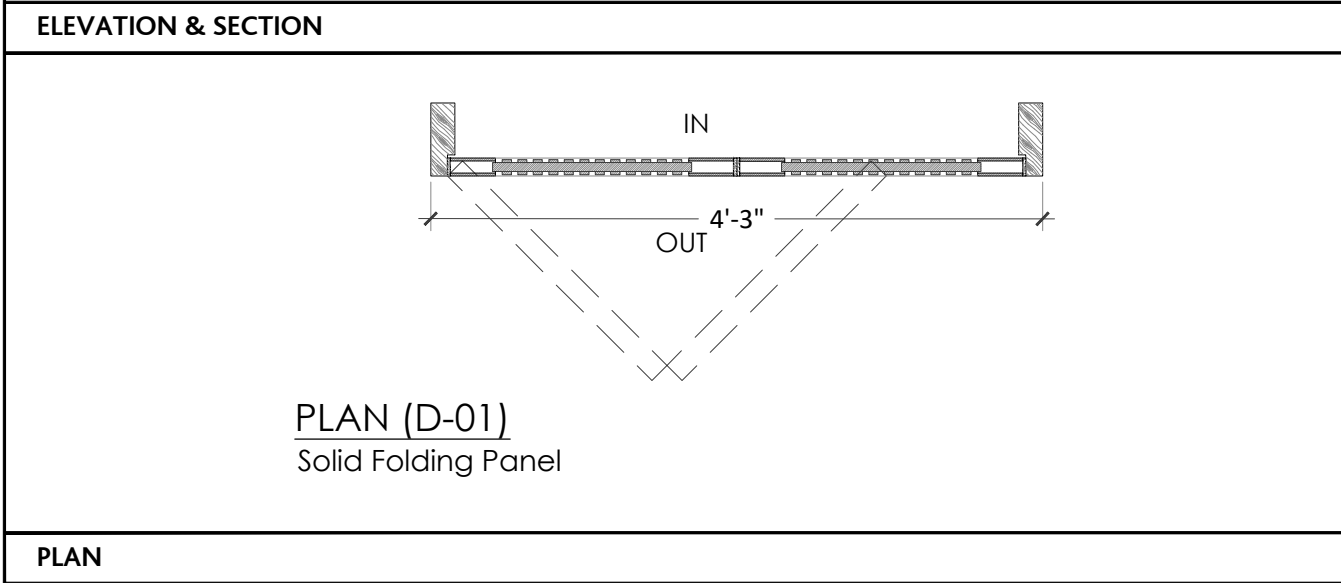
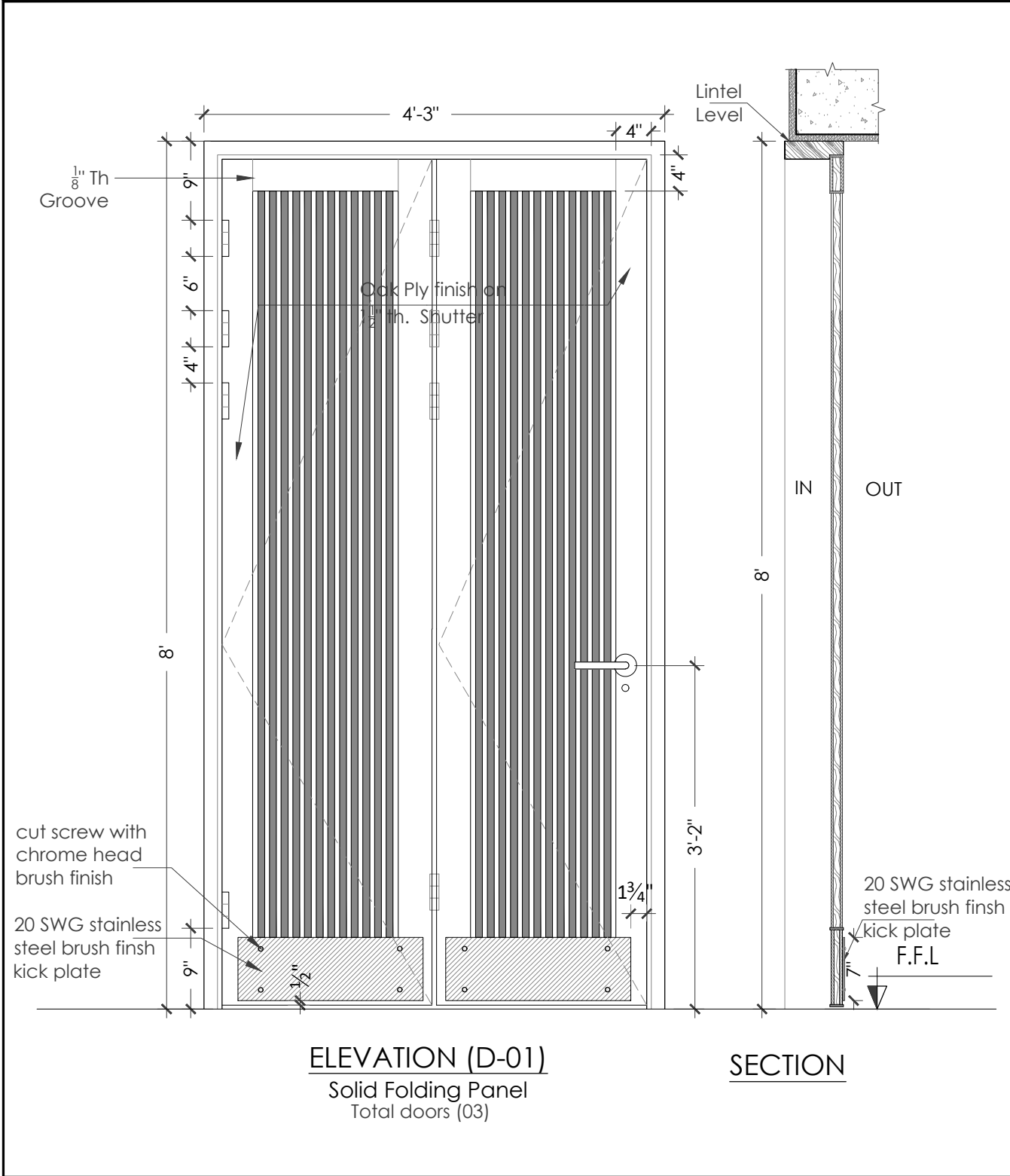
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D-1

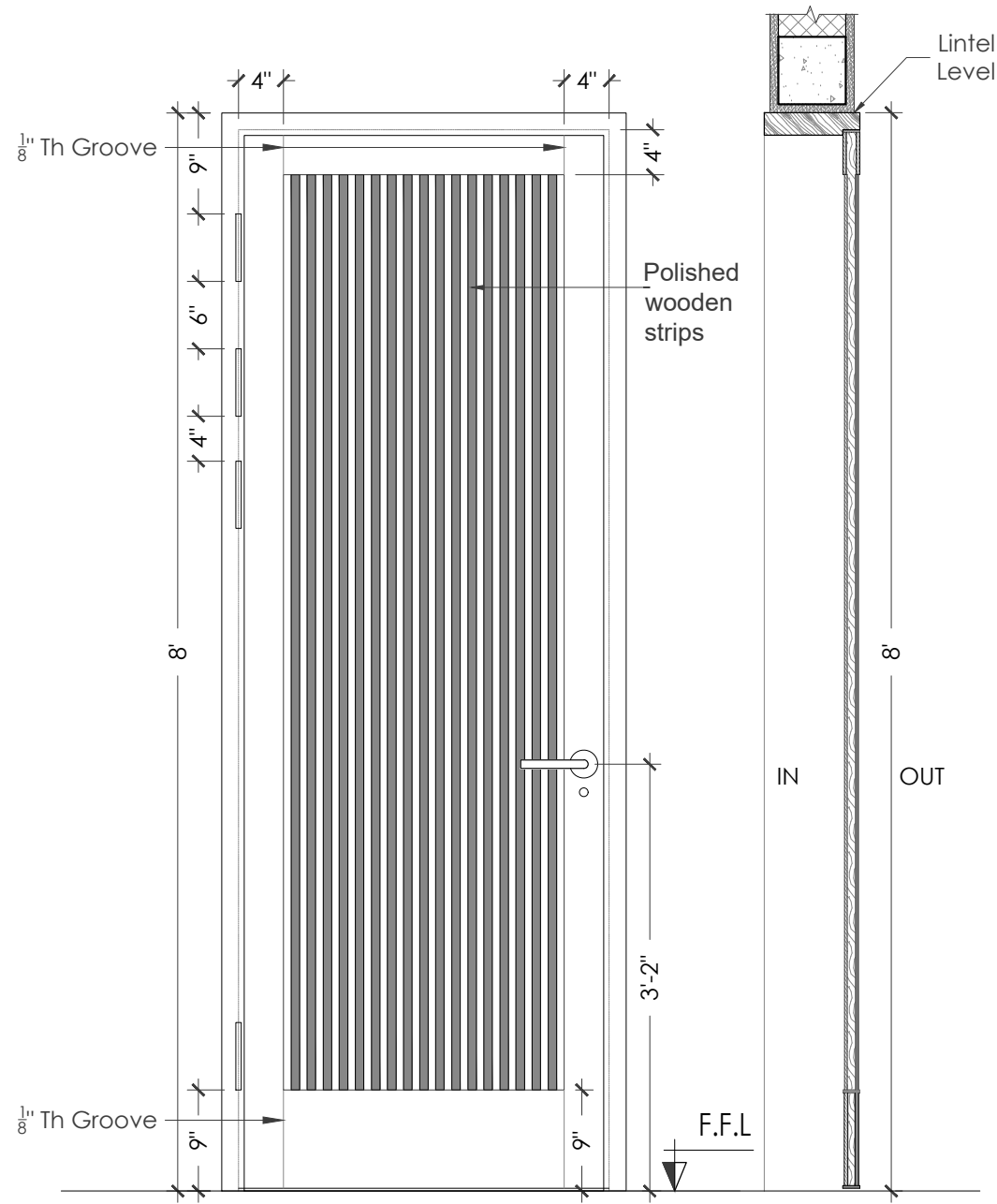
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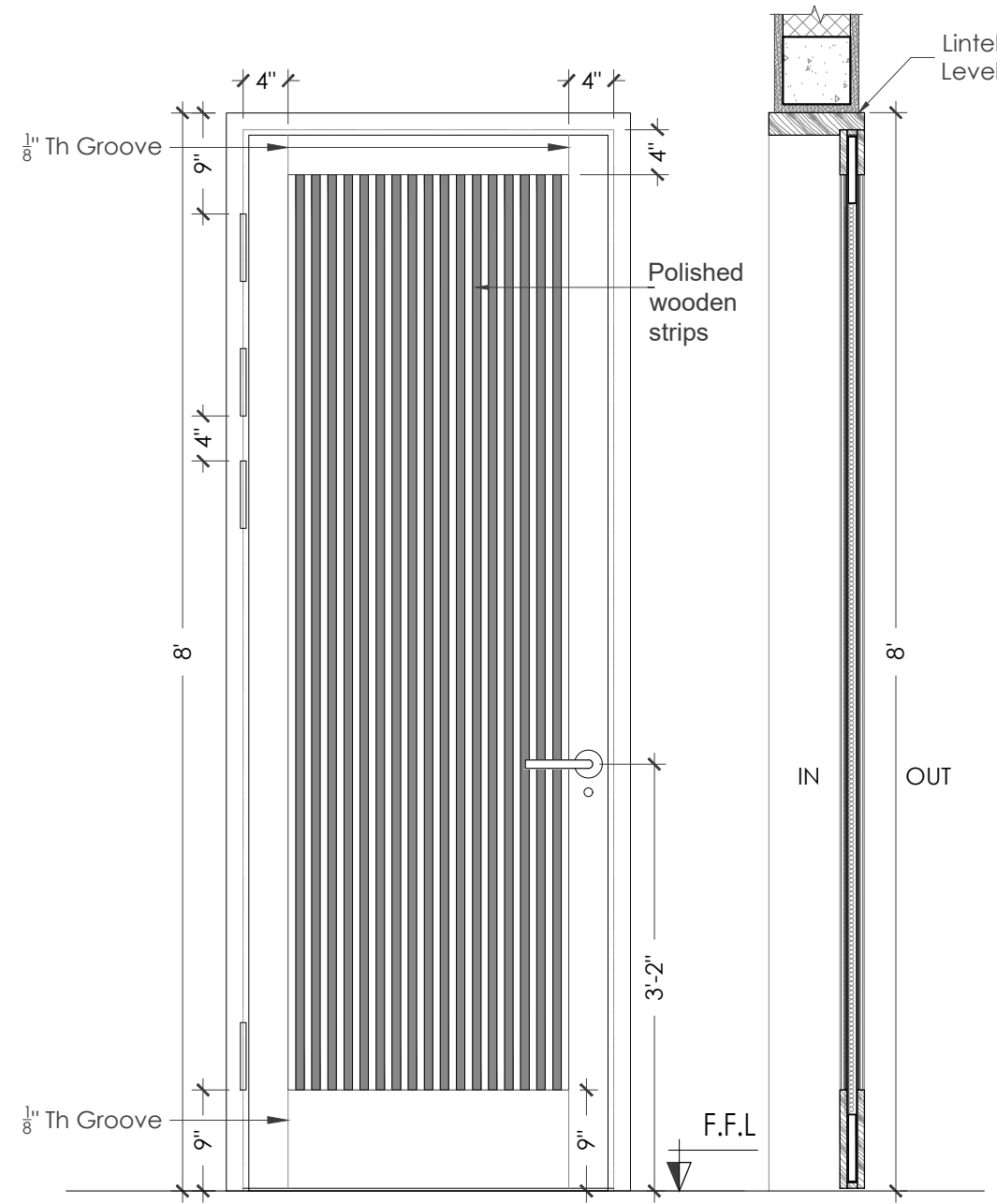
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of
16



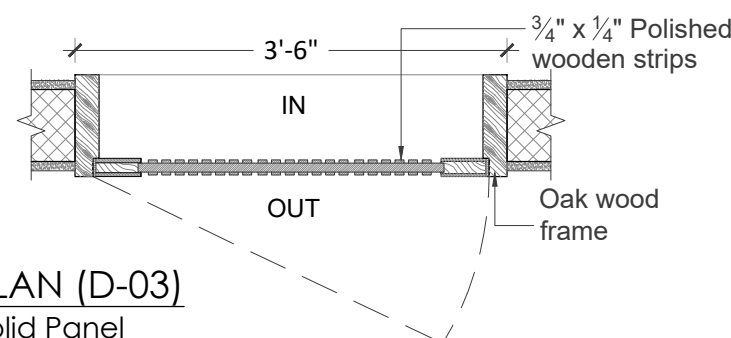
PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer:  ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI. TEL: 021-34988461-34980871, FAX:34985907			
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*DOOR OPENING FOLLOWS AS PER DOOR MARKING PLAN			
GLASS DOOR			
			
SOLID DOOR			
			
ACCESS PANEL DOOR			
			
01	ISSUE FOR Construction	24-3-25	
NO.	REVISION/ISSUE	DATE	
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.II			
TITLE			
DOOR DETAIL			
SCALE		DATE	
3/4"= 1'-0"		Mar '25	
DWG. NO.	D-1	SHEET	REV.
		5 of 16	



ELEVATION (D-03)
Solid Door
Total doors (05)

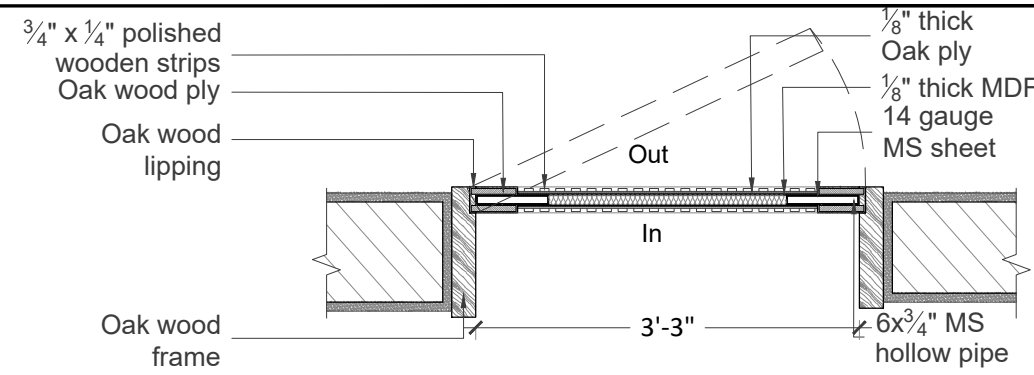


ELEVATION (D-04)
MS Core Door Without Panic Bar
Total doors (07)



ELEVATION & SECTION

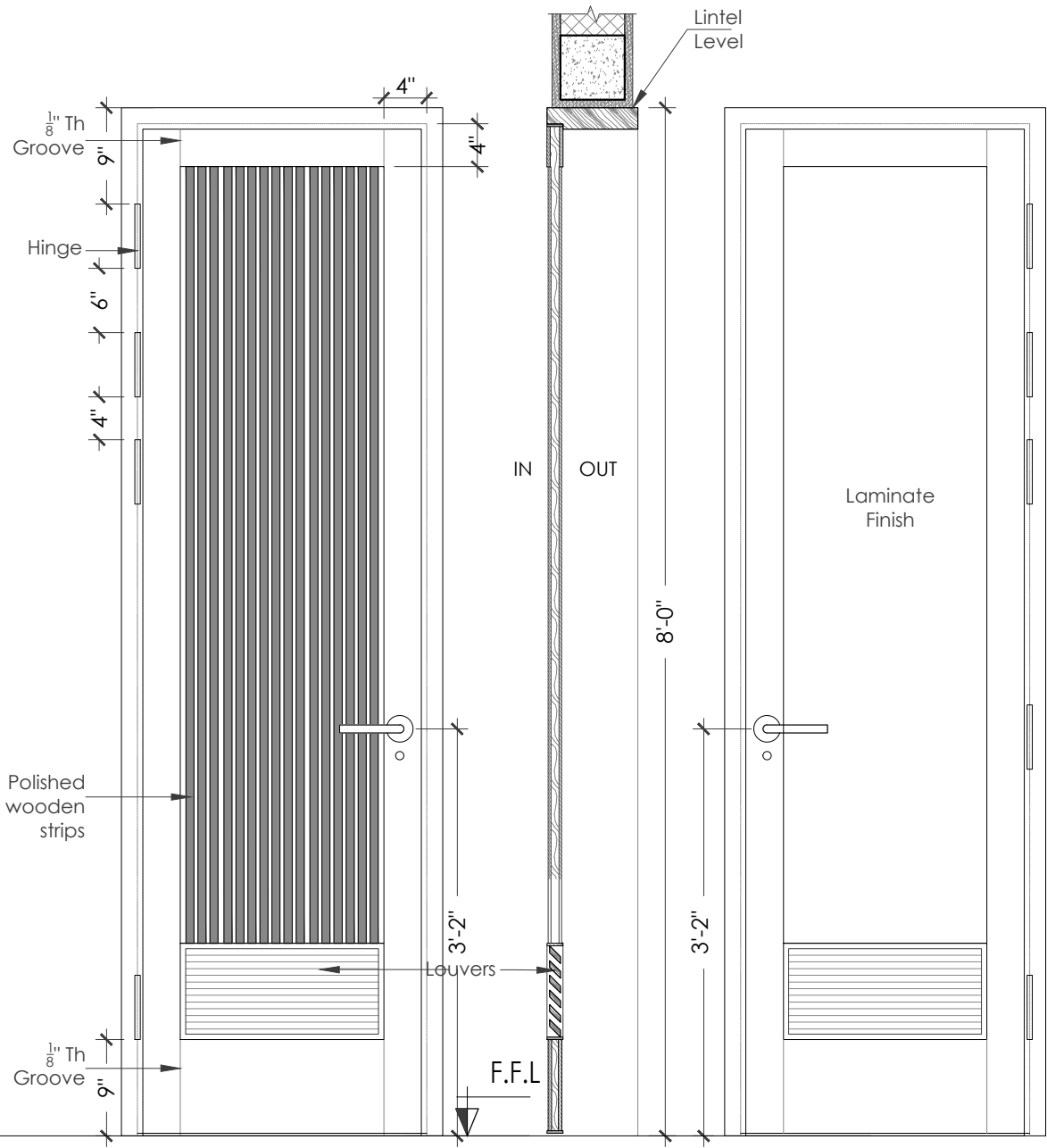
PLAN



ELEVATION & SECTION

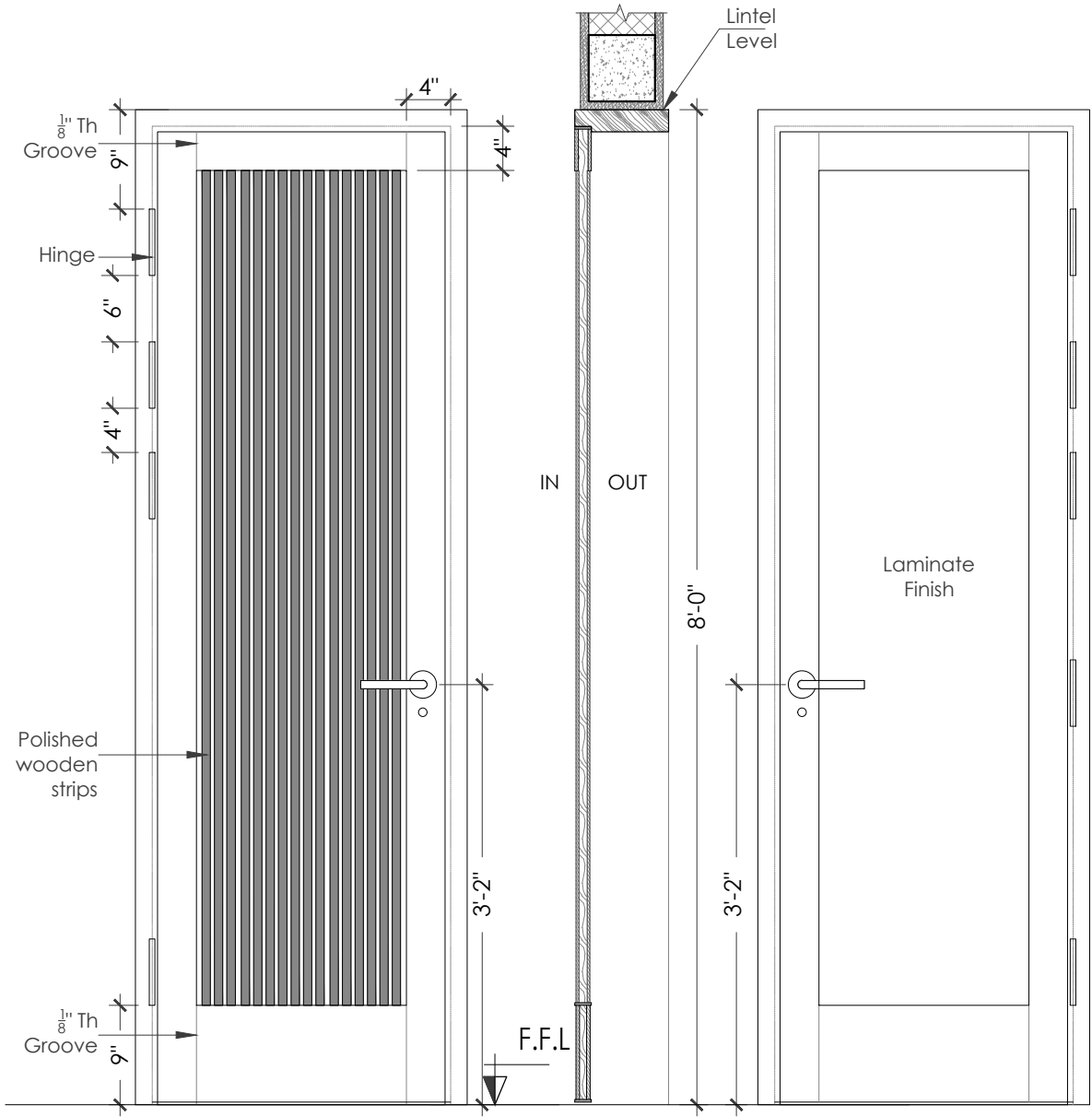
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PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer:  ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI TEL: 021-34988461-34980871, FAX:34985907			
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*DOOR OPENING FOLLOWS AS PER DOOR MARKING PLAN			
GLASS DOOR 			
SOLID DOOR 			
ACCESS PANEL DOOR 			
01	ISSUE FOR Construction	24-3-25	
NO.	REVISION/ISSUE	DATE	
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.II			
TITLE			
DOOR DETAIL			
SCALE		DATE	
3/4"= 1'-0"		Mar '25	
DWG. NO.	D-1	SHEET	REV.
		6 of 16	



ELEVATION (D-05)
Solid With Louvers & Laminated
Total doors (04)

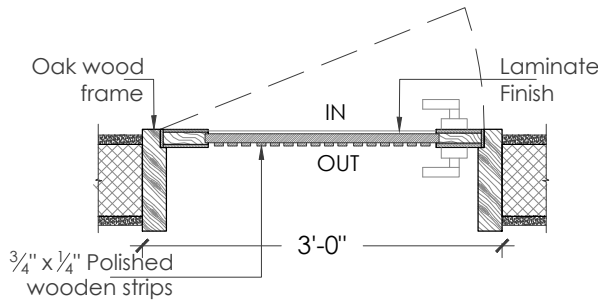
INSIDE ELEVATION (D-05)
Solid With Louvers & Laminated



ELEVATION (D-05a)
Solid Door
Total doors (01)

INSIDE ELEVATION (D-05a)
Solid Door

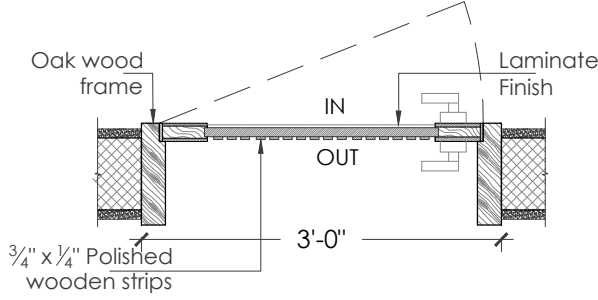
ELEVATION & SECTION



PLAN (D-05)
Solid With Louvers

PLAN

ELEVATION & SECTION



PLAN (D-05a)
Solid Door

PLAN

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: ARIF & ASSOCIATES
CONSULTANTS
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*DOOR OPENING FOLLOWS AS PER
DOOR MARKING PLAN

GLASS DOOR
GD
SOLID DOOR
D
ACCESS PANEL DOOR
AP

01	ISSUE FOR Construction	21-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

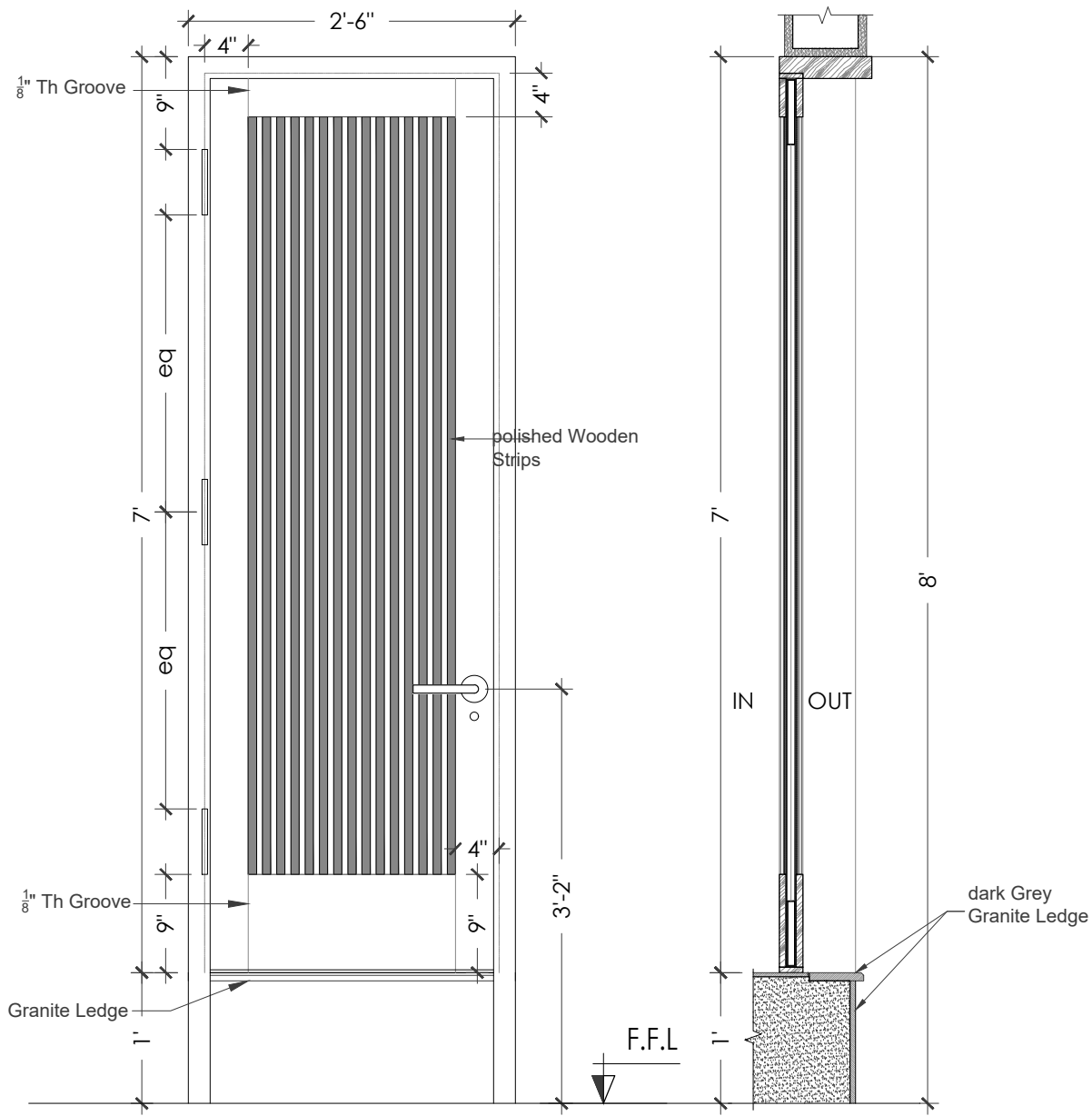
HABIB BANK LIMITED

Address
**PLOT NO
69-C,National Highway, PH.II**

TITLE
DOOR DETAIL

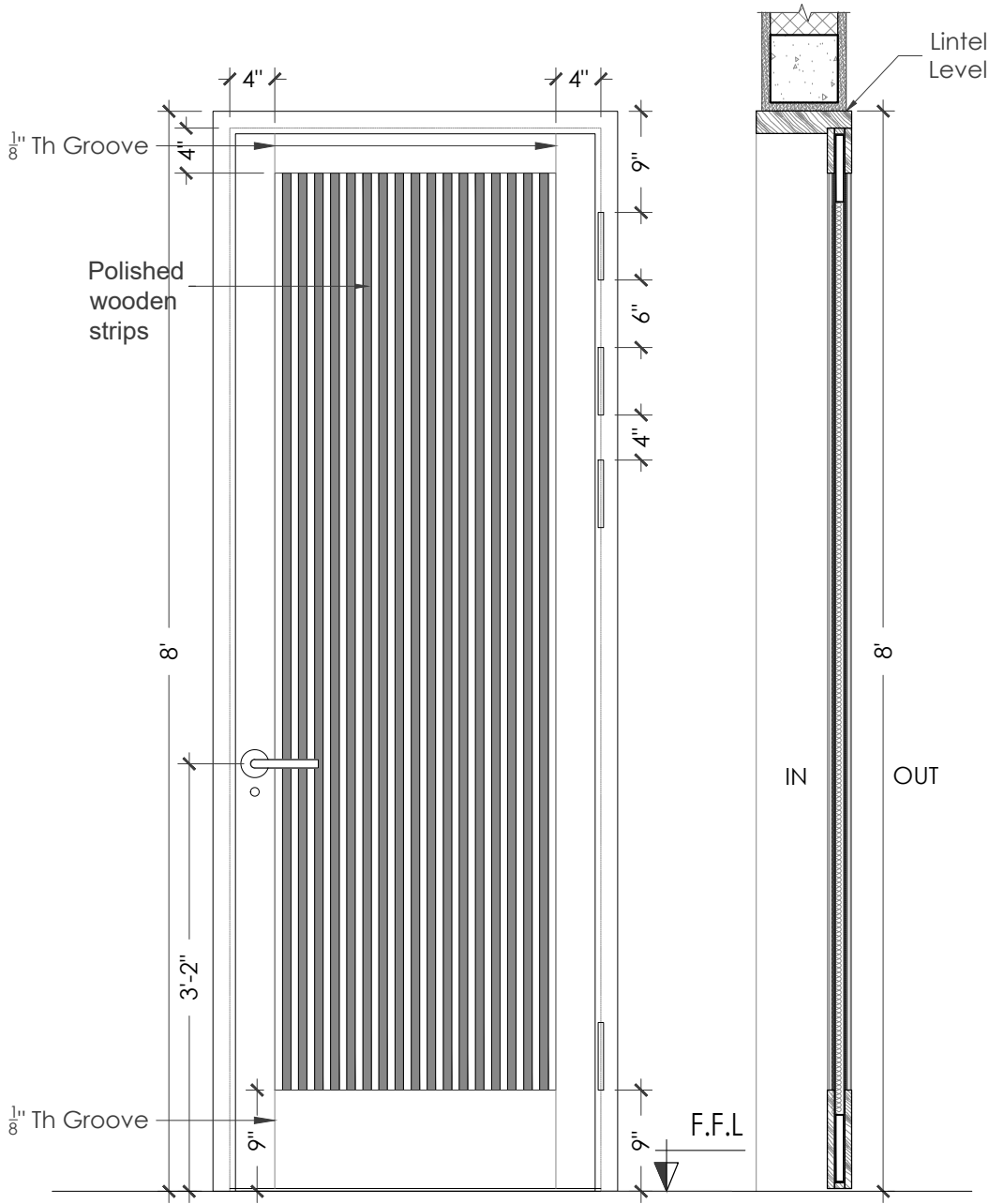
SCALE	DATE
3/4" = 1'-0"	Mar '25

DWG. NO.	D-1	SHEET	REV.
		7 of 16	



ELEVATION (D-06)
MS Core Door
Total doors (01)

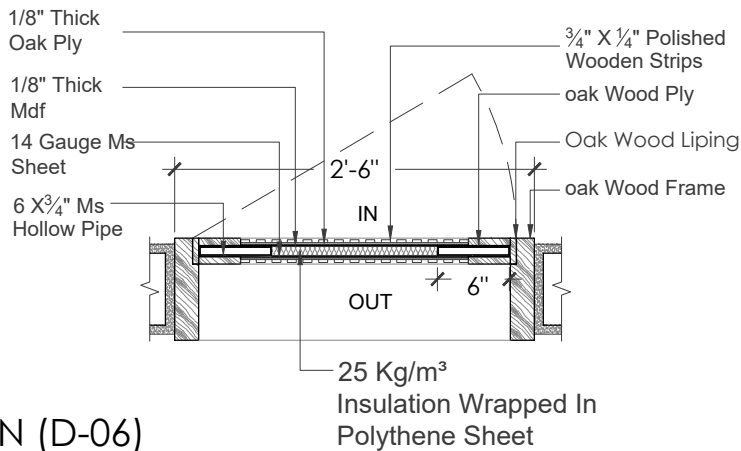
SECTION



ELEVATION (D-07)
MS Core Door
Total doors (01)

SECTION

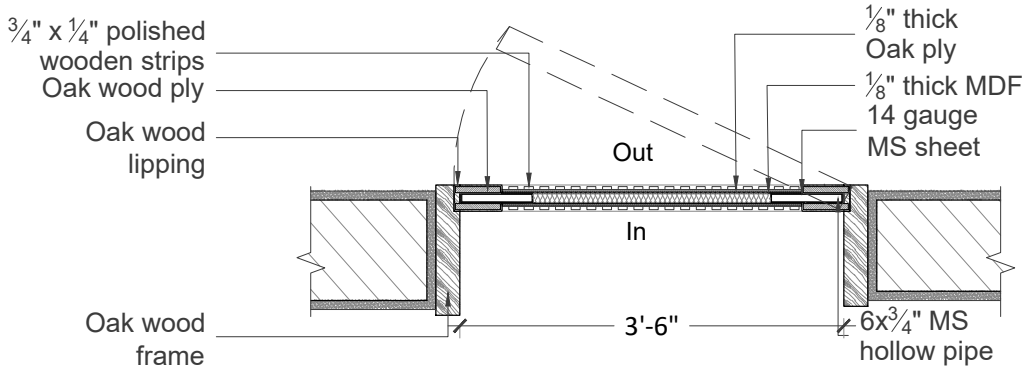
ELEVATION & SECTION



PLAN (D-06)

PLAN

ELEVATION & SECTION



PLAN (D-07)
MS Core Door

PLAN

PROJECT

**HBL
69-C,National
Highway, PH.II**

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



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- *DOOR OPENING FOLLOWS AS PER DOOR MARKING PLAN

GLASS DOOR



SOLID DOOR



ACCESS PANEL DOOR



01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

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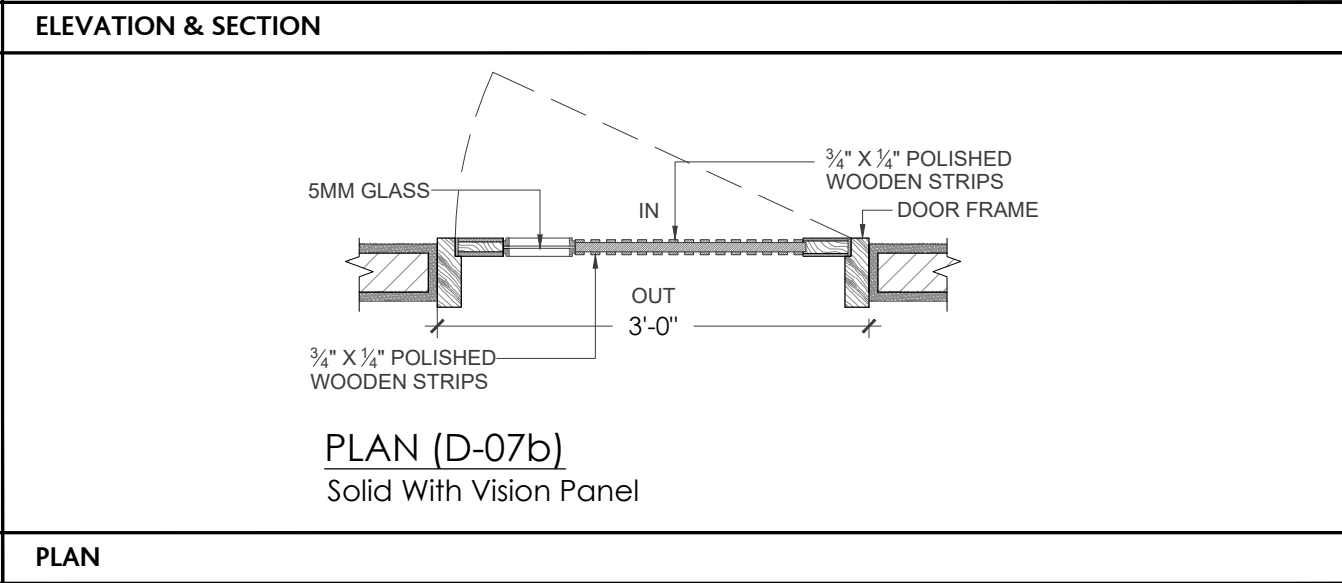
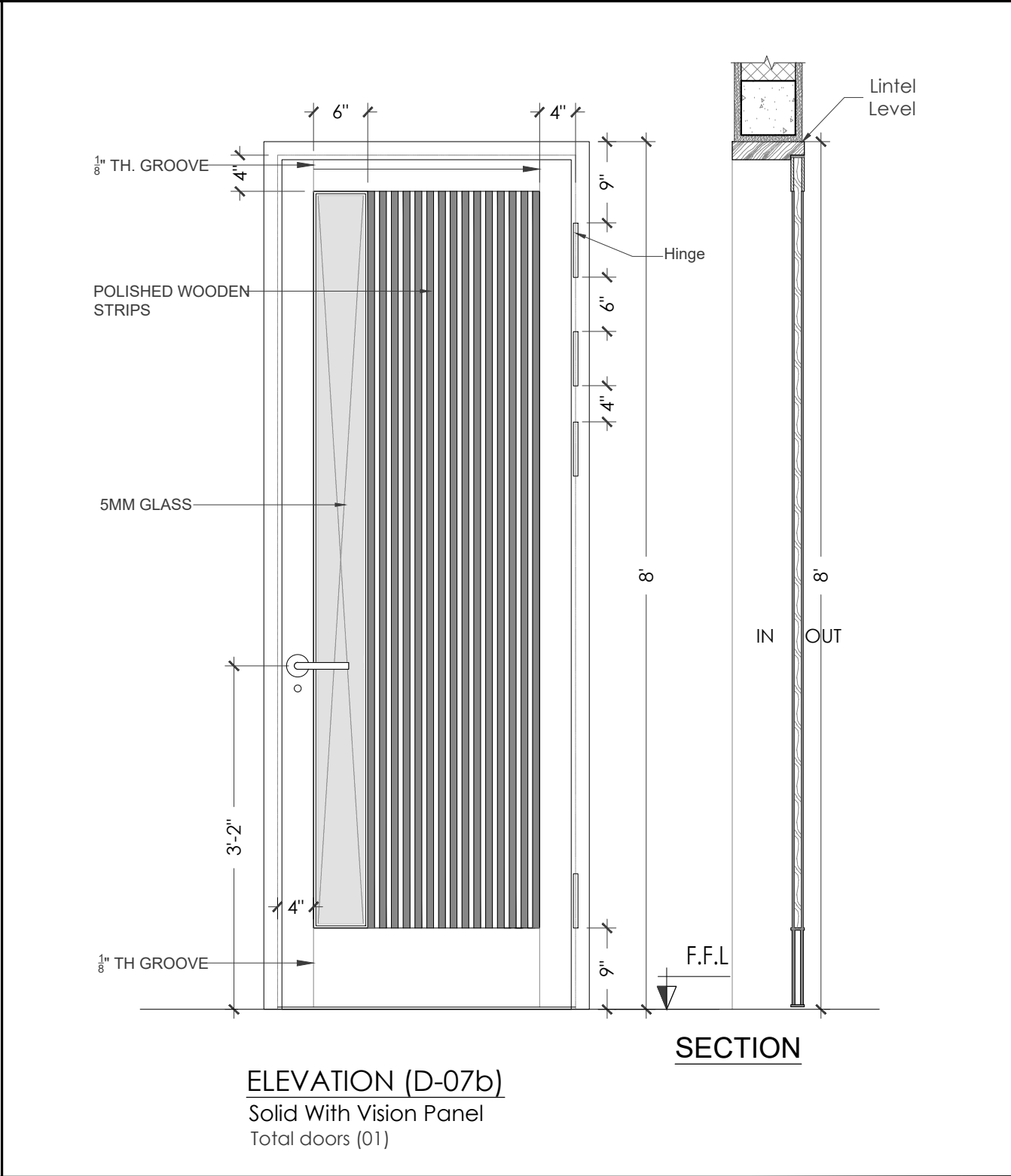
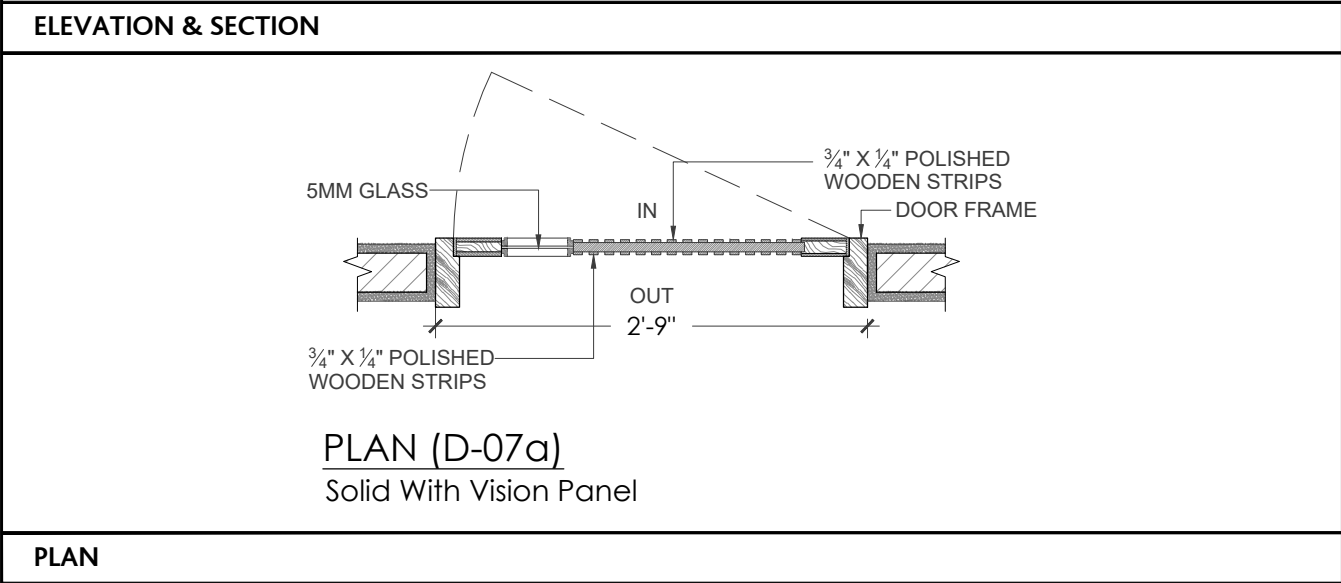
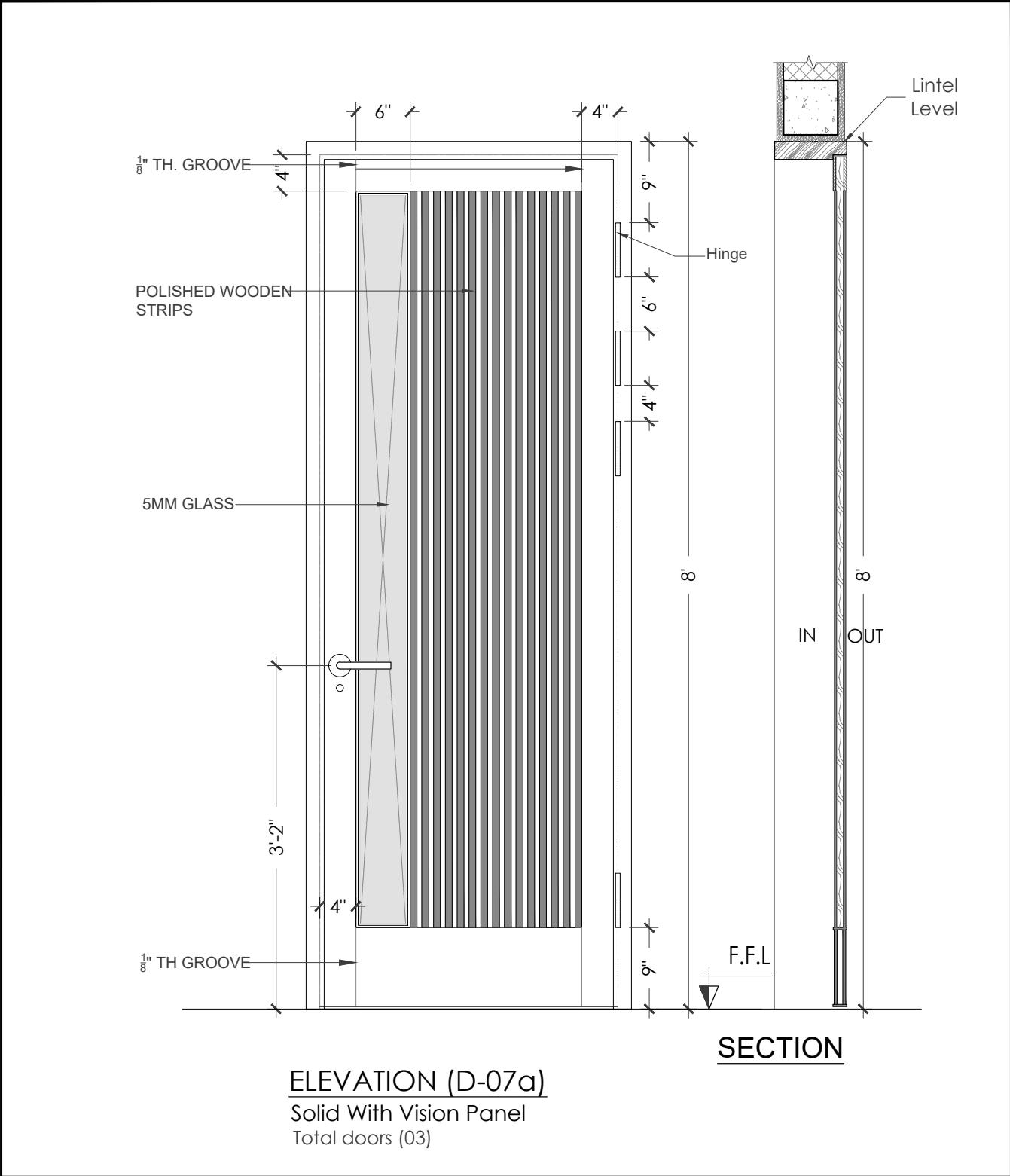
HABIB BANK LIMITED

Address **PLOT NO
69-C,National Highway, PH.II**

TITLE **DOOR DETAIL**

SCALE	DATE
3/4" = 1'-0"	Mar '25

DWG. NO.	SHEET	REV.
D-1	8 of 16	



PROJECT

HBL
69-C,National Highway, PH.II

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*DOOR OPENING FOLLOWS AS PER DOOR MARKING PLAN

GLASS DOOR

GD

SOLID DOOR

D

ACCESS PANEL DOOR

AP

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

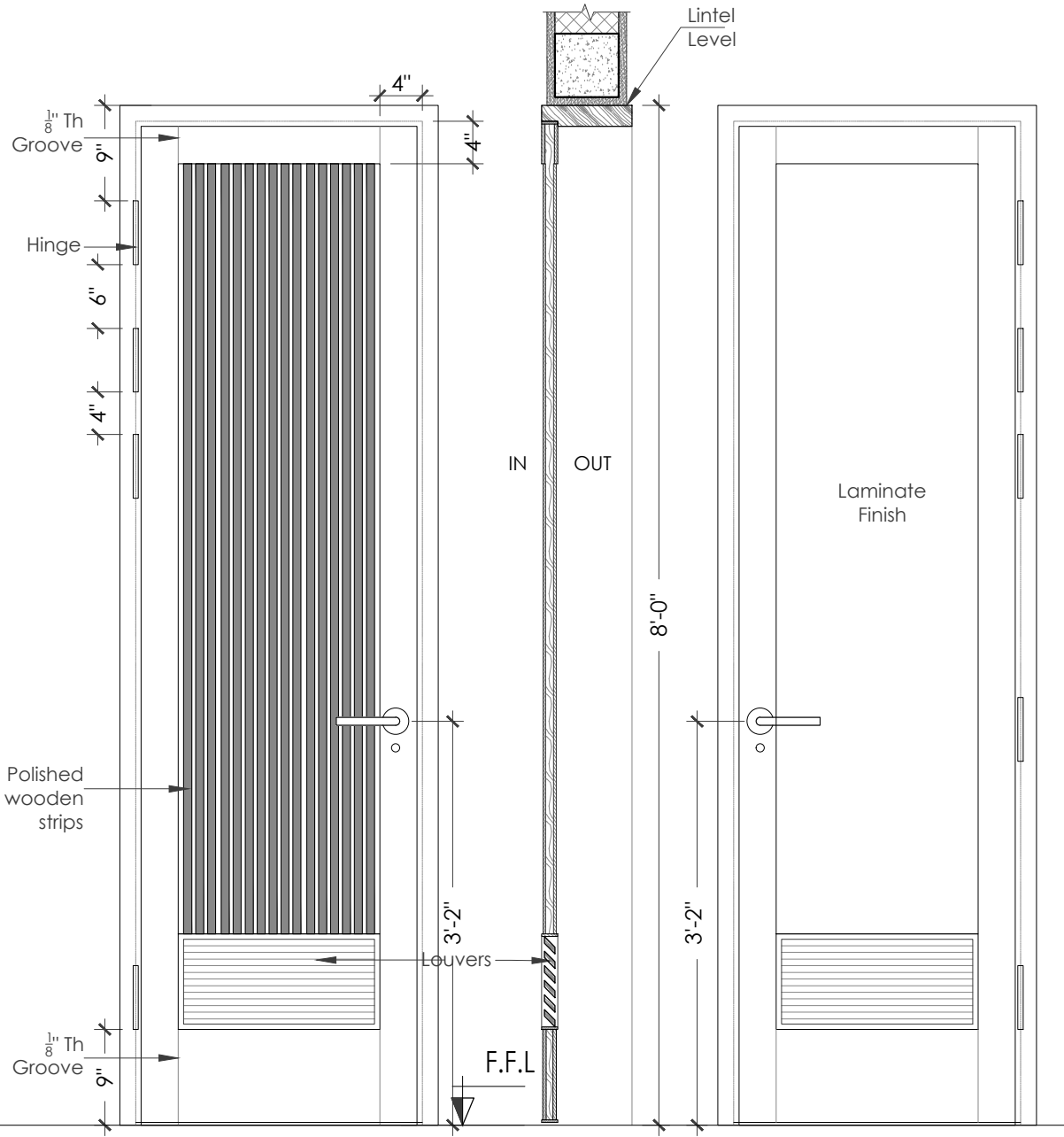
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TITLE

DOOR DETAIL

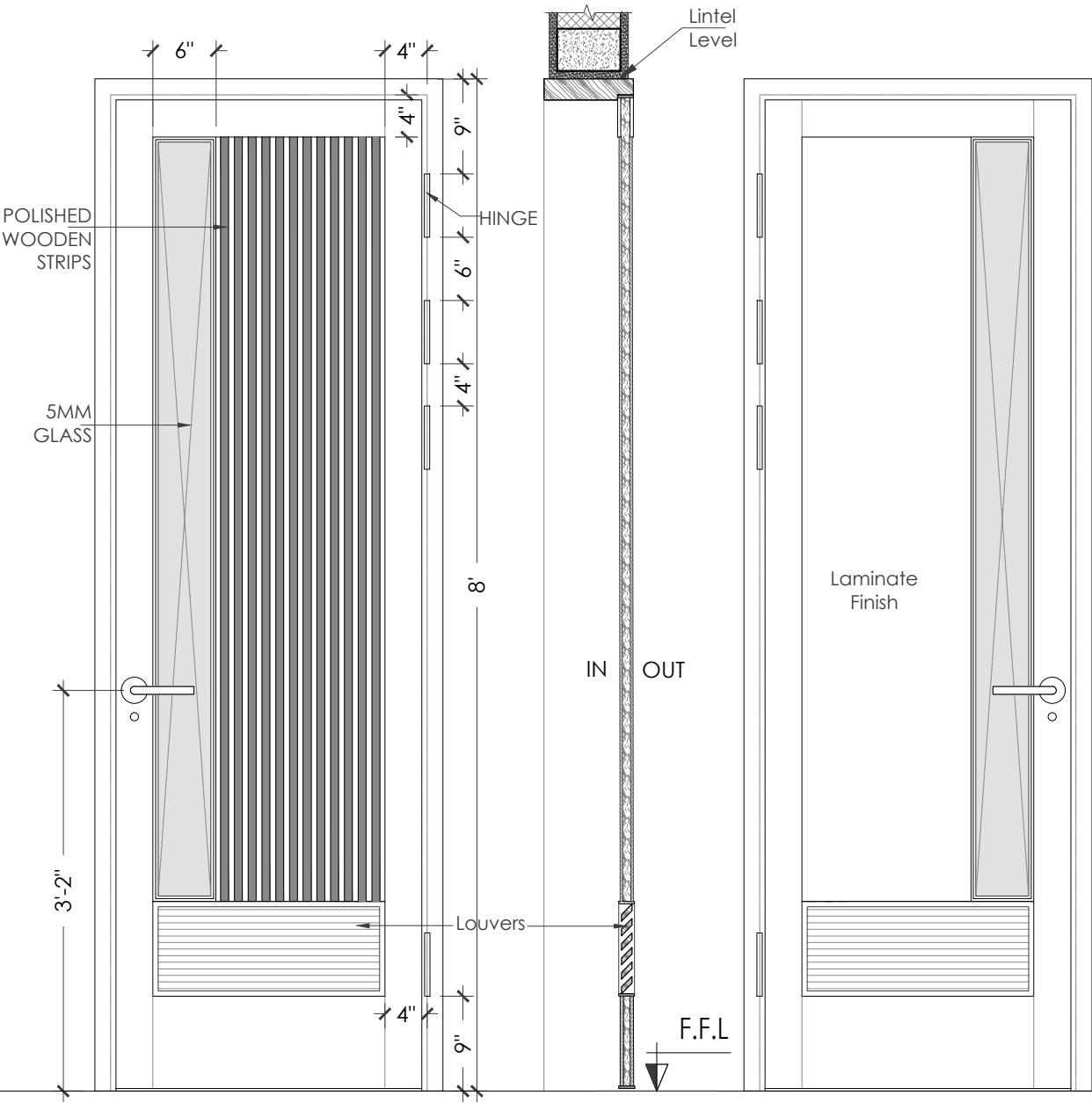
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3/4"= 1'-0"	Mar '25

DWG. NO.	SHEET	REV.
D-1	9 of 16	



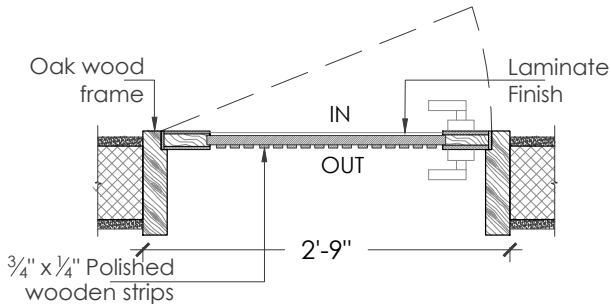
ELEVATION (D-08)
Solid With Louvers & Laminated
Total doors (04)

INSIDE ELEVATION (D-08)
Solid With Louvers & Laminated

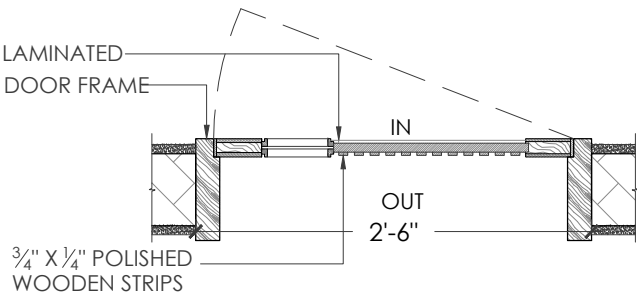


ELEVATION (D-09)
Solid With Vision Panel & Louvers
Total doors (04)

INSIDE ELEVATION (D-08)
Solid With vision Panel
Louvers & Laminated

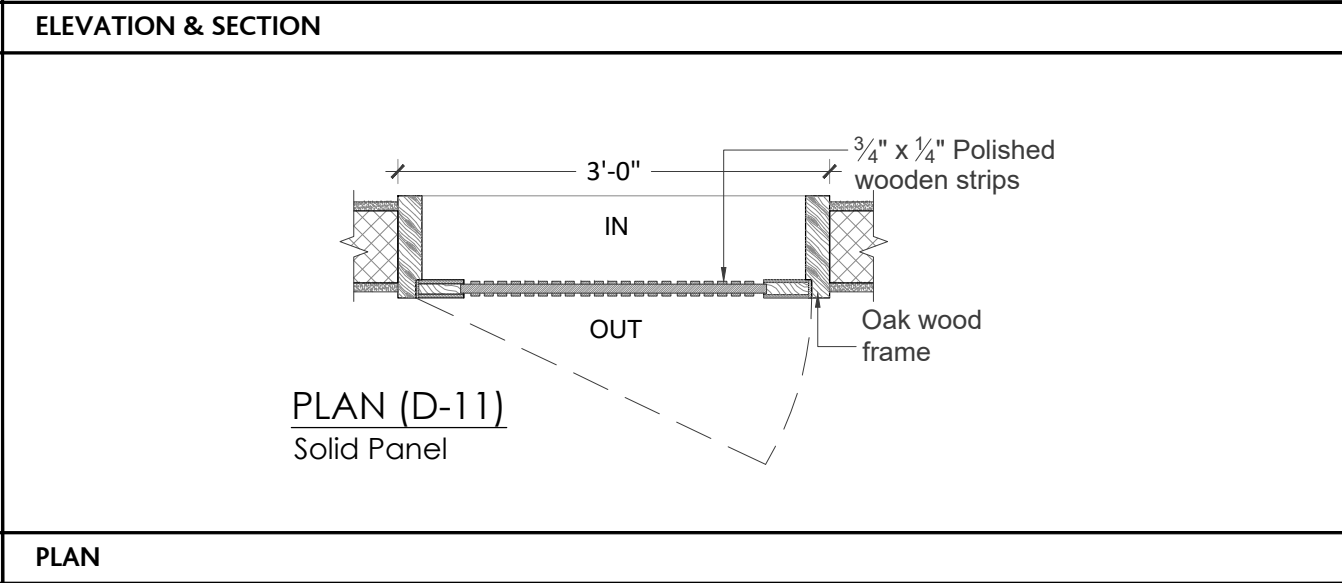
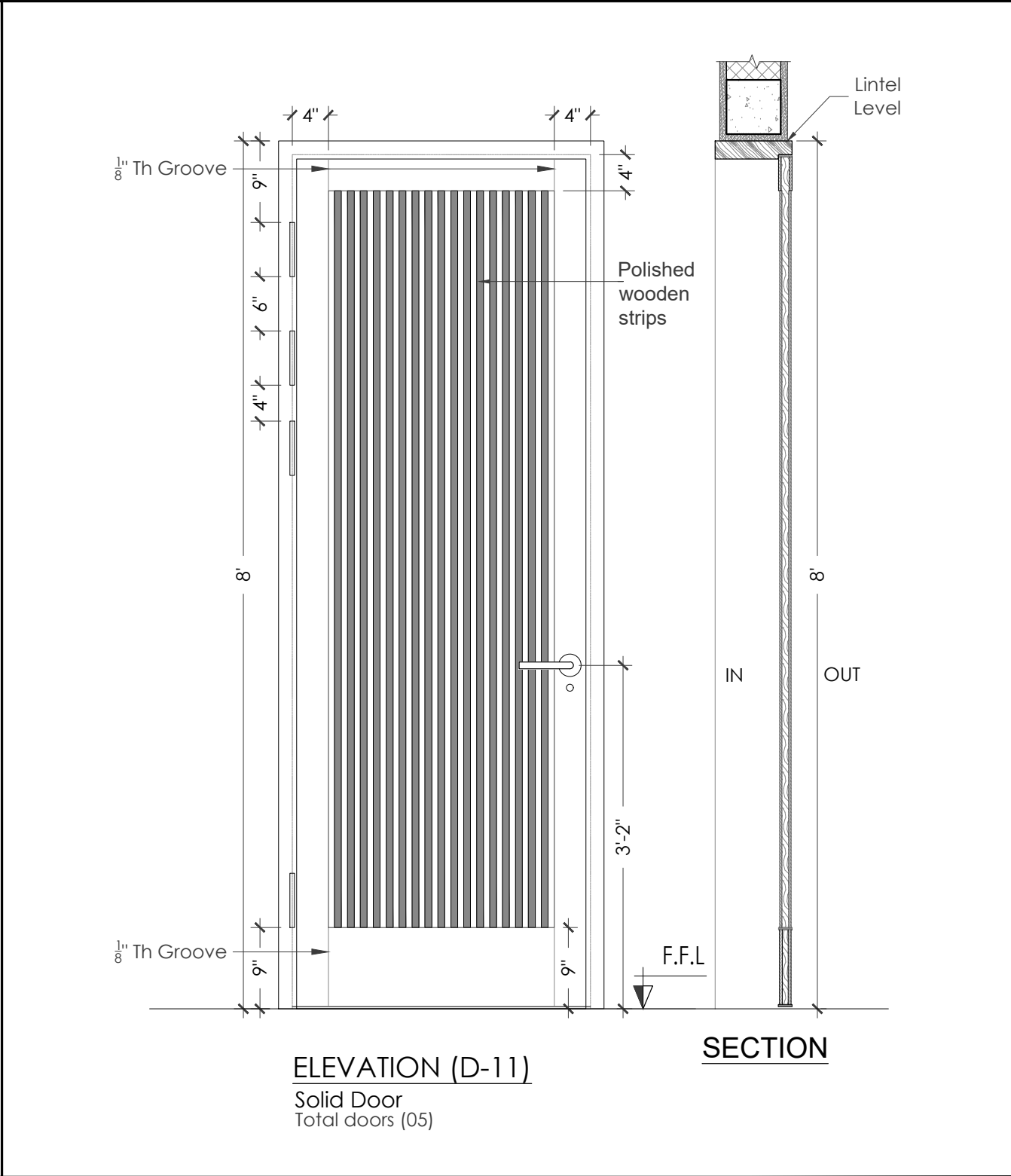
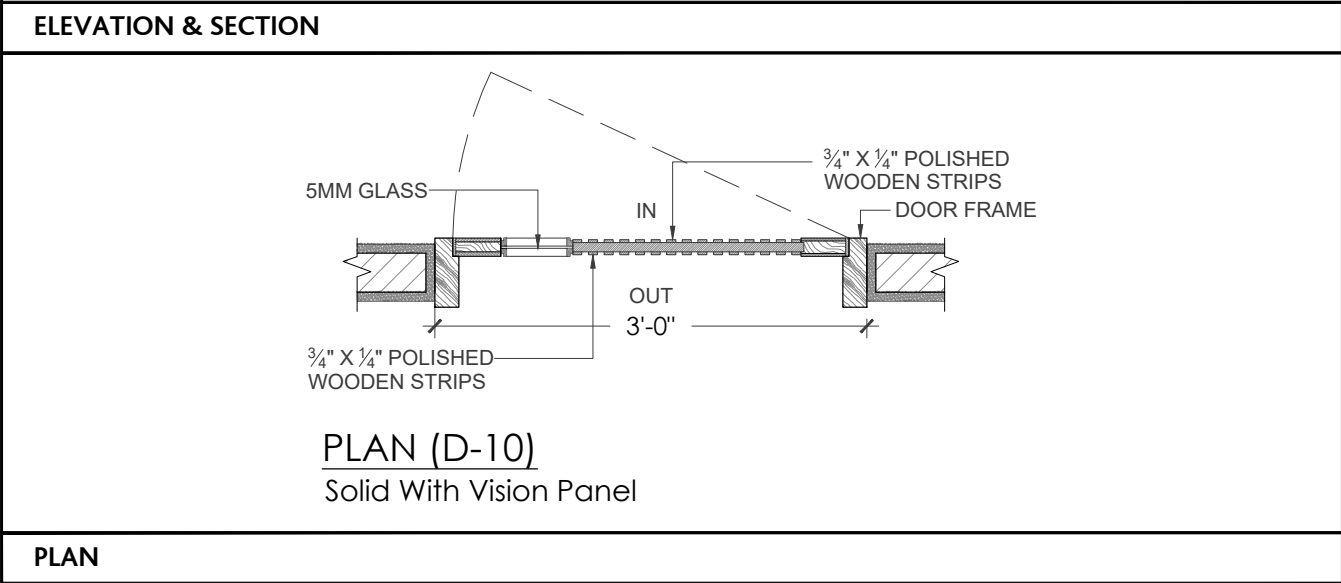
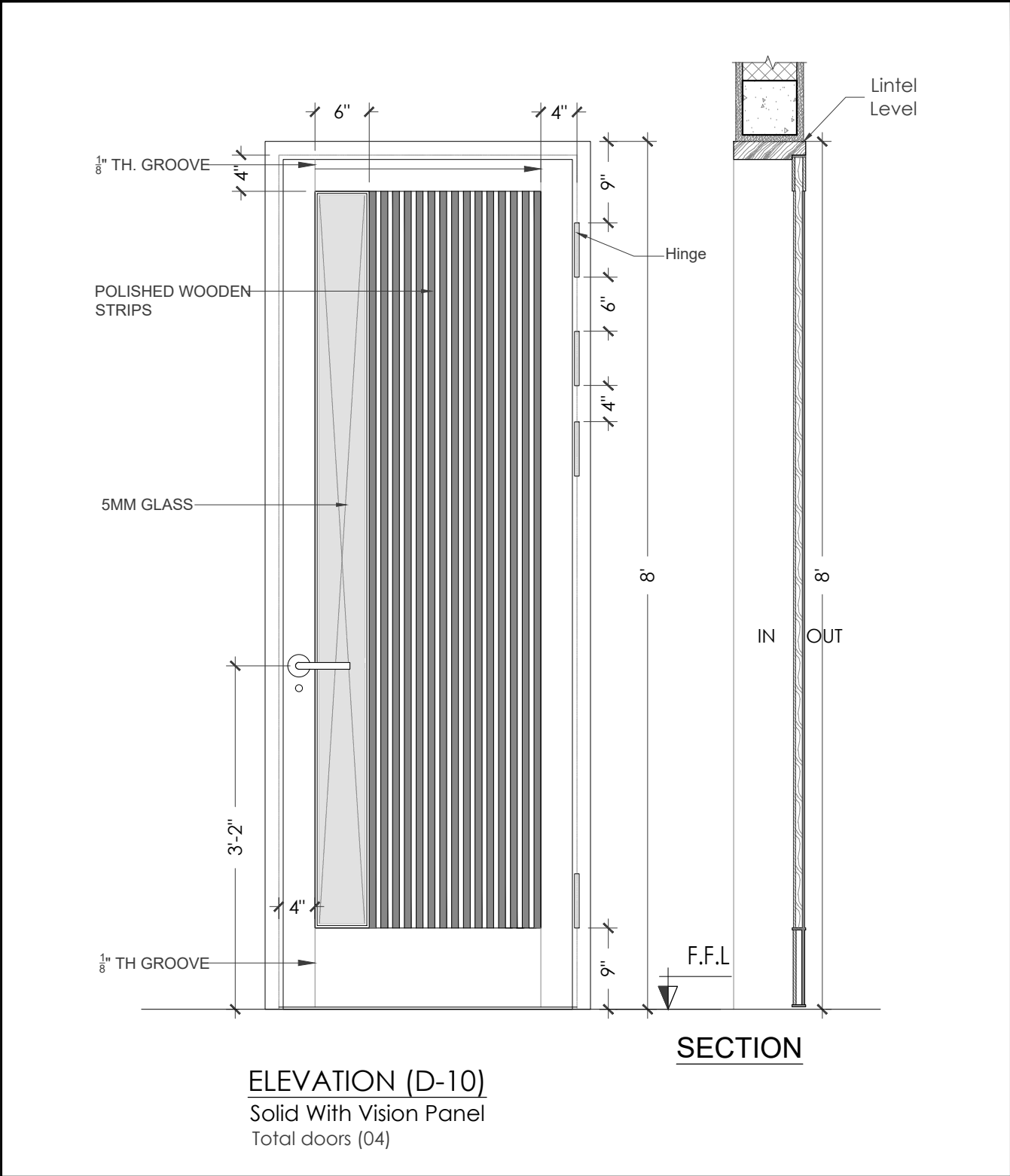


PLAN (D-08)
Solid With Louvers



PLAN (D-09)
Solid With Vision Panel

PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer: ARIF & ASSOCIATES CONSULTANTS  C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI. TEL: 021-34988461-34980871, FAX:34985907			
HVAC AND PLUMBING CONSULTANTS			
 FAHIM, NANJI & DESOUZA Consulting Engineers HVAC, Plumbing, Mechanical 10, ILACO House, Abdullah Haroon Road, Karachi-74400 Pakistan Ph: (92-21) 563-7878-82 Fax: (92-21) 521-1634 Email: fahimnaji@cyber.net.pk			
NOTE:			
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*DOOR OPENING FOLLOWS AS PER DOOR MARKING PLAN			
GLASS DOOR  SOLID DOOR  ACCESS PANEL DOOR 			
01	ISSUE FOR Construction		24-3-25
NO.	REVISION/ISSUE	DATE	
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.II			
TITLE			
DOOR DETAIL			
SCALE		DATE	
3/4"= 1'-0"		Mar '25	
DWG. NO.	D-1		SHEET 10 of 16
			REV.



PROJECT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

STRUCTURE CONSULTANT'S

Engineer: ARIF & ASSOCIATES
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

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Email: fahimnaji@cyber.net.pk

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*DOOR OPENING FOLLOWS AS PER DOOR MARKING PLAN

GLASS DOOR

GD

SOLID DOOR

D

ACCESS PANEL DOOR

AP

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

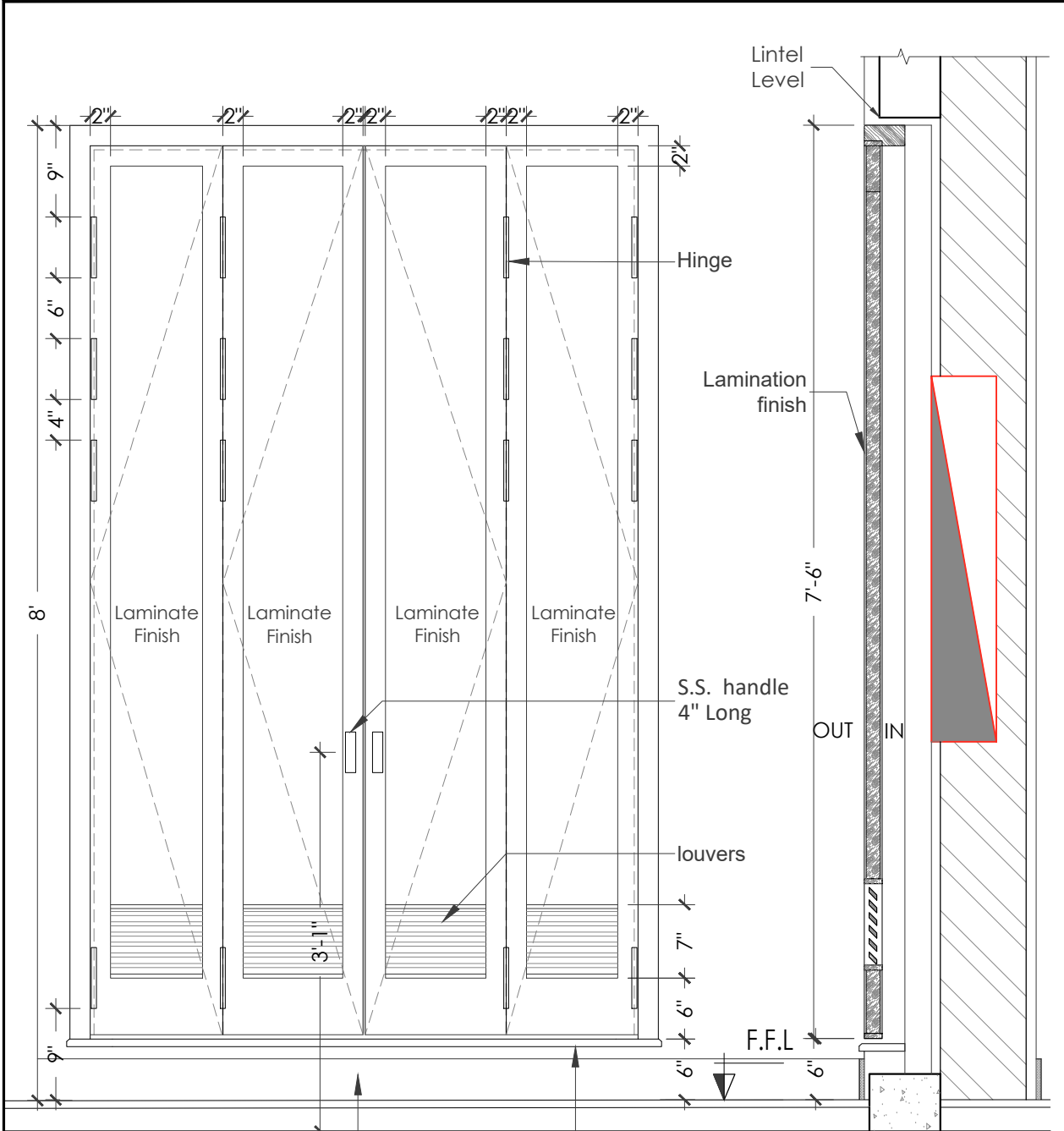
PLOT NO
69-C,National Highway, PH.II

TITLE

DOOR DETAIL

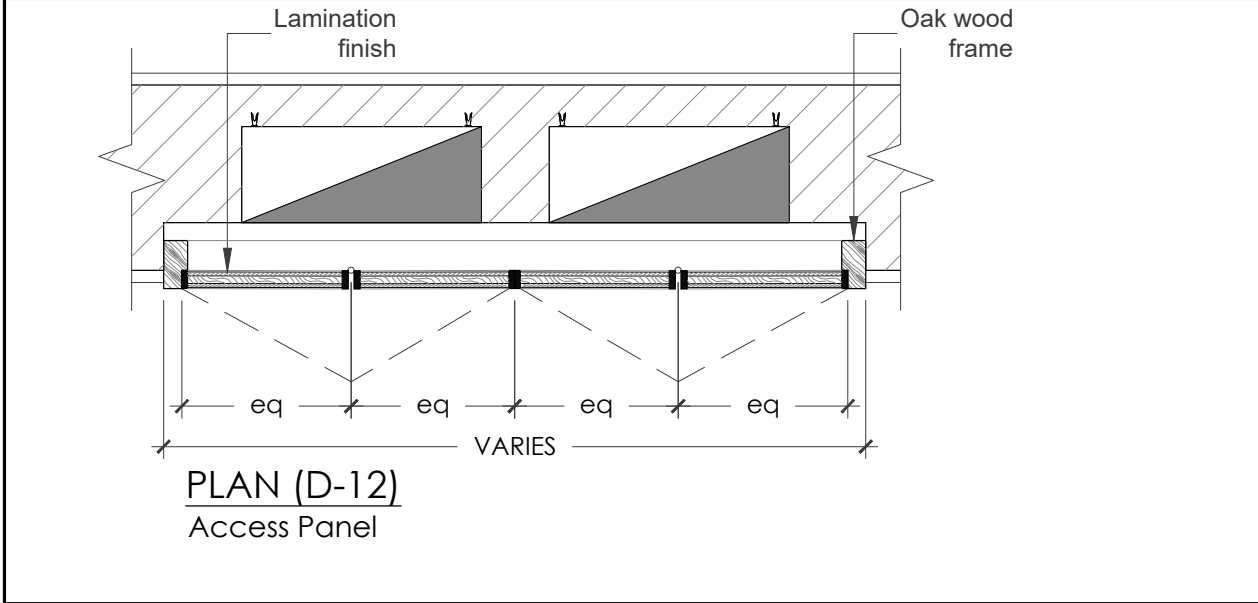
SCALE	DATE
3/4"= 1'-0"	Mar '25

DWG. NO.	D-1	SHEET	REV.
		11 of 16	

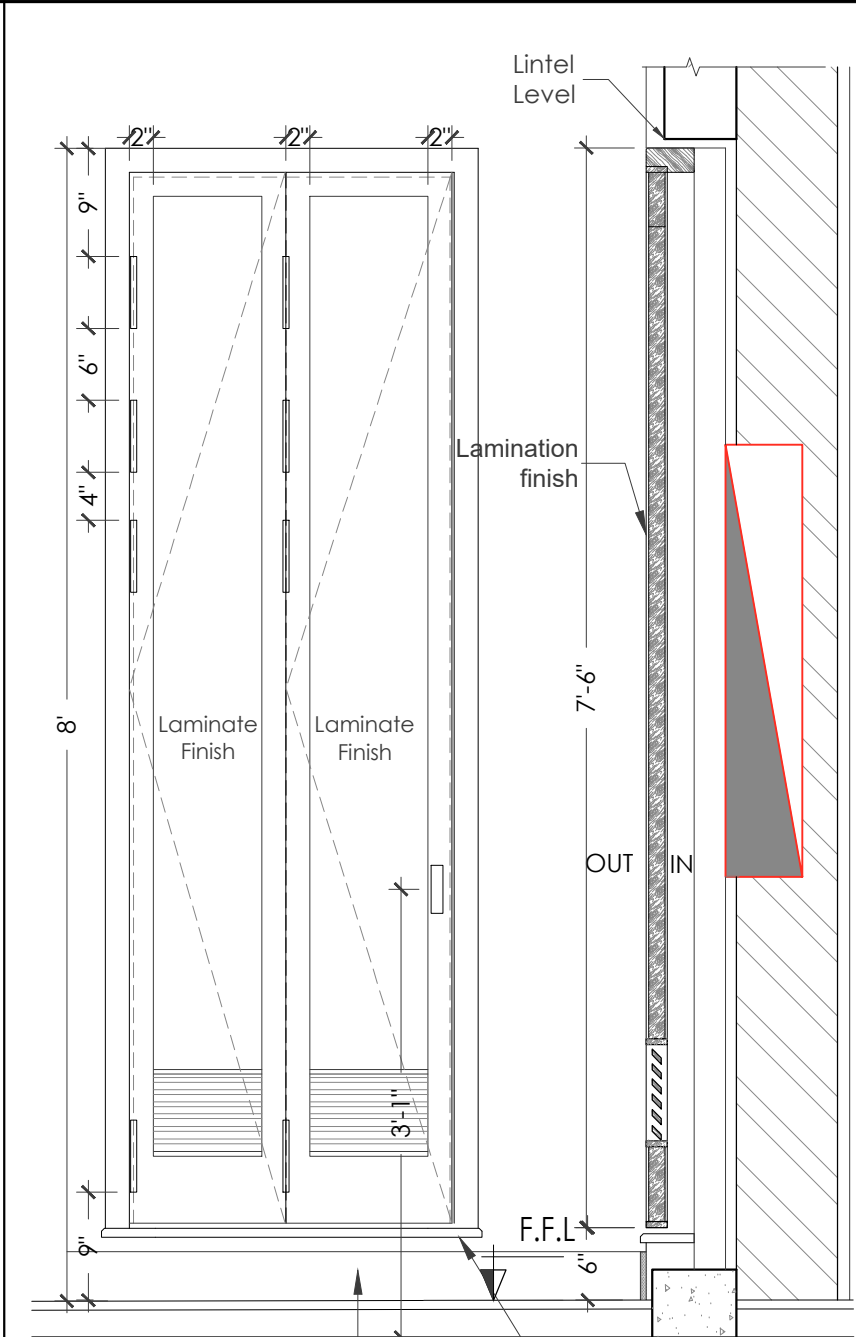


ELEVATION (D-12)
Access Panel

ELEVATION & SECTION

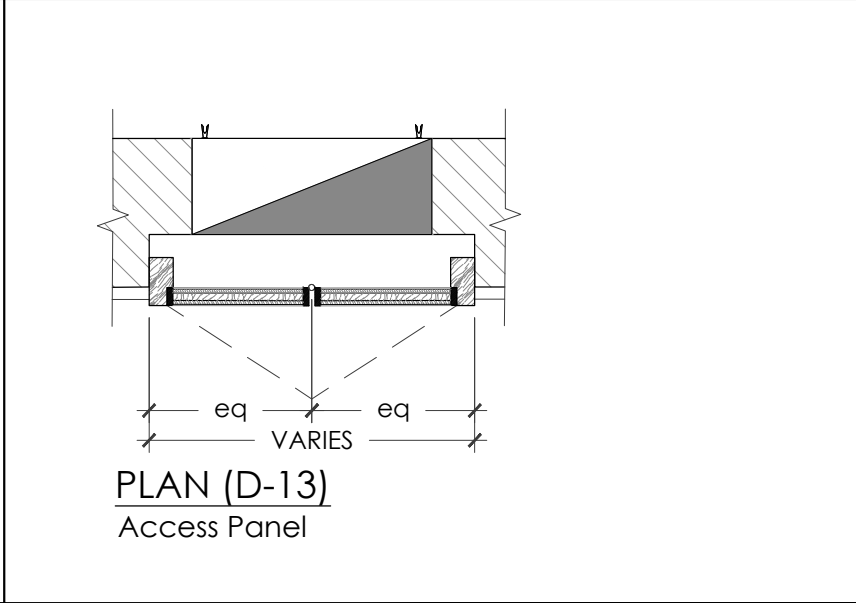


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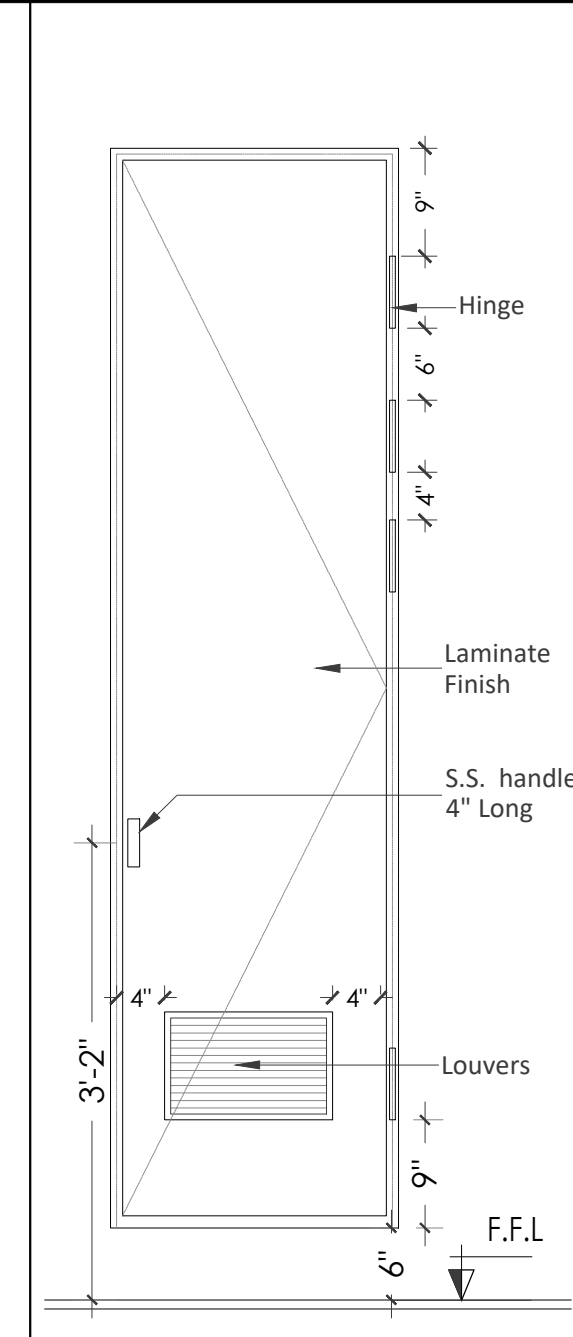


ELEVATION (D-13)
Access Panel

ELEVATION & SECTION

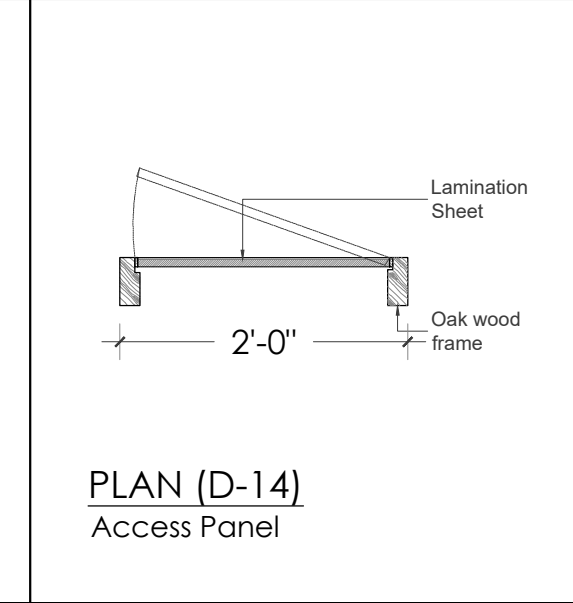


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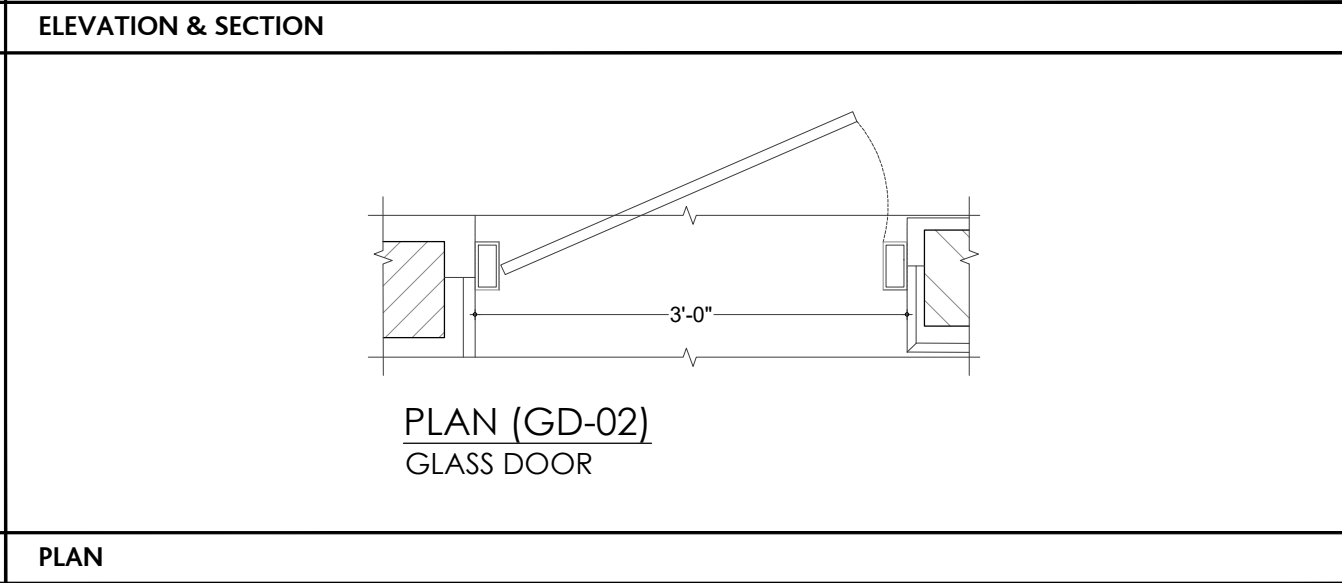
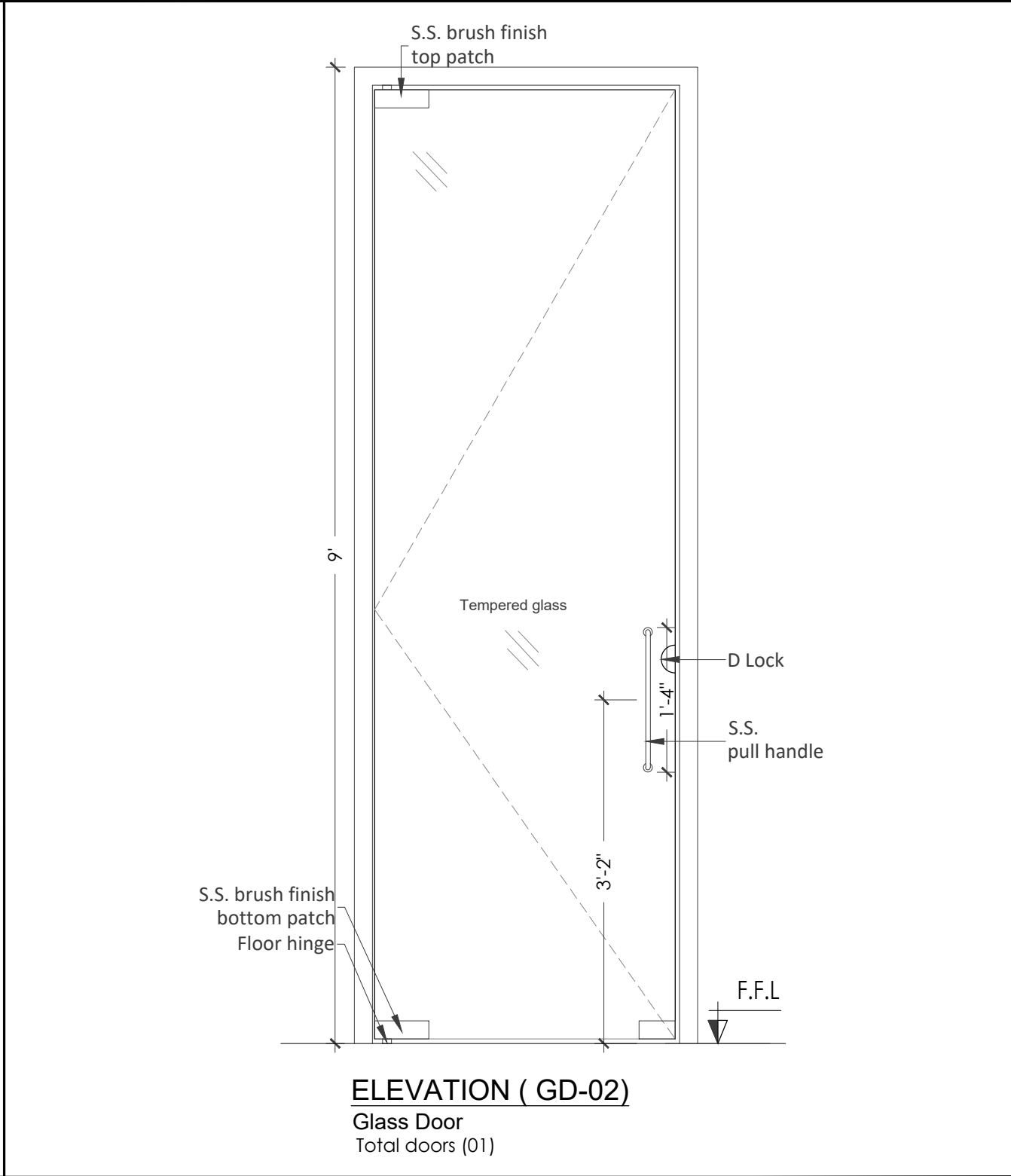
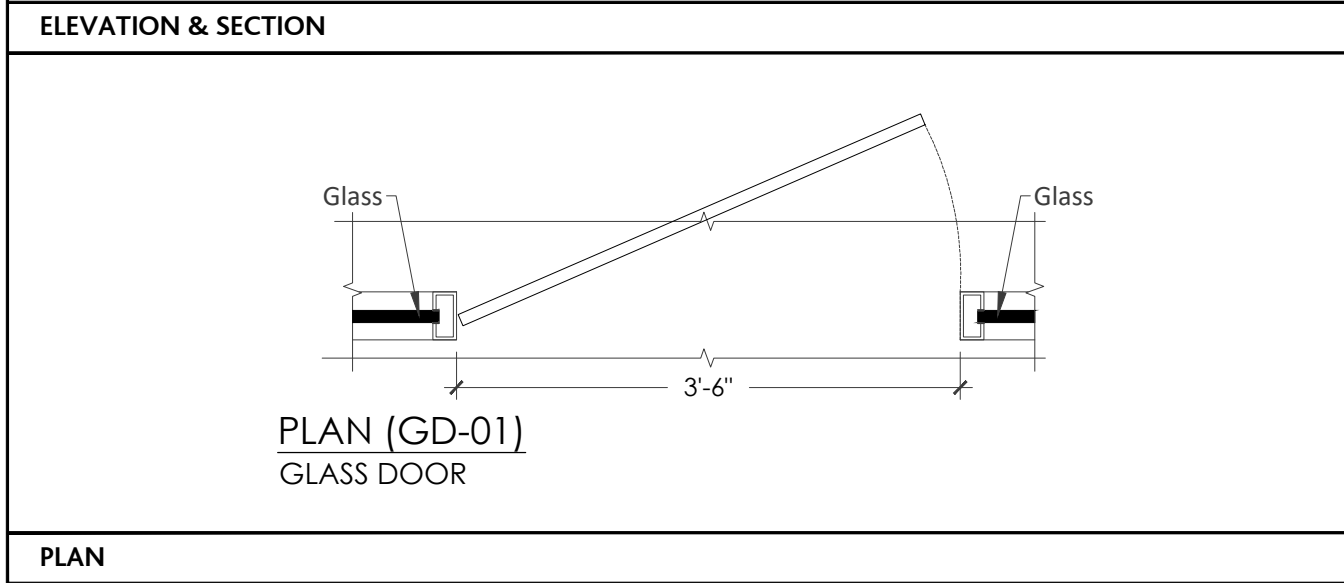
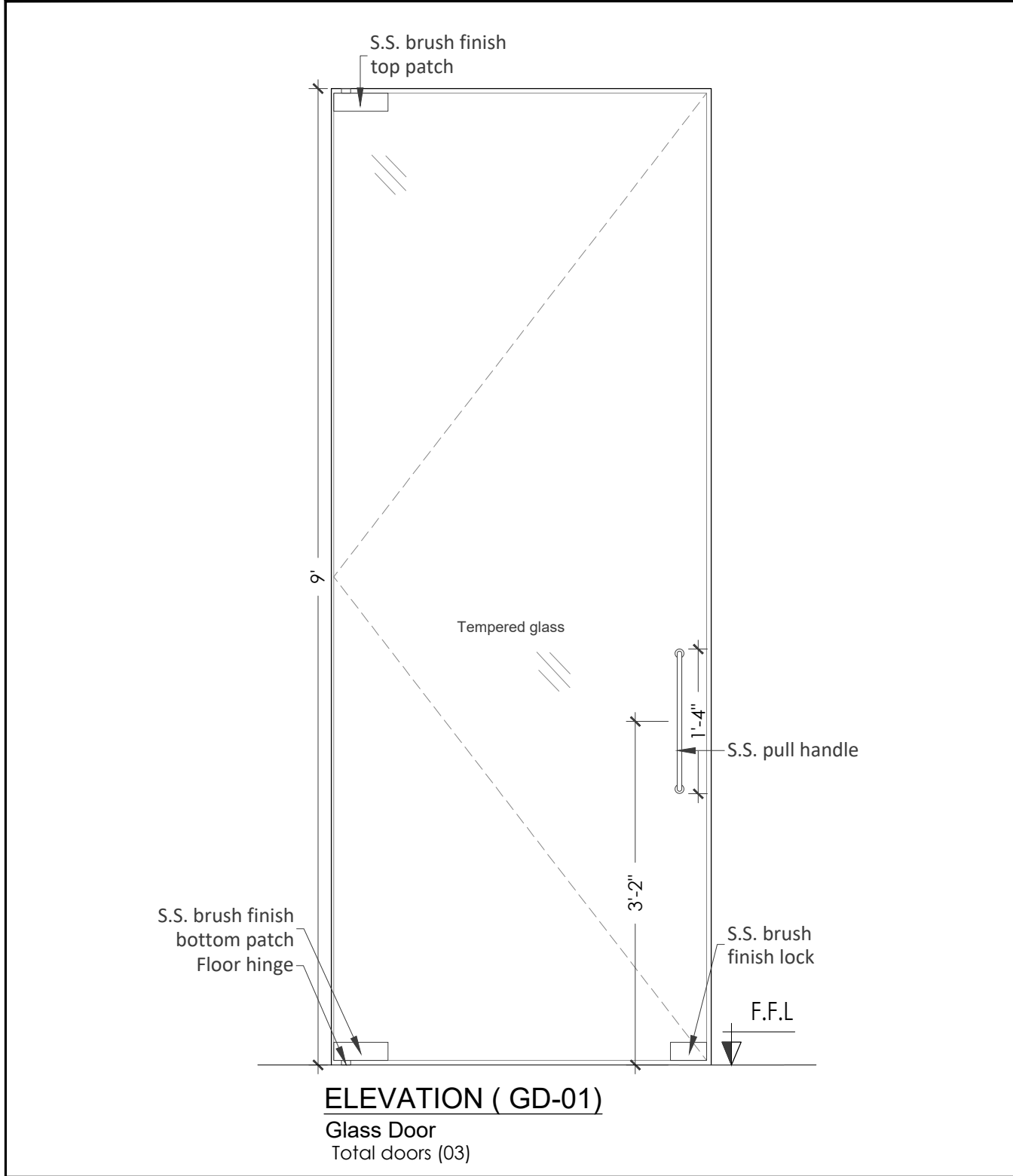
ELEVATION (D-14)
Access Panel

ELEVATION



PLAN

PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer:  ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI. TEL: 021-34988461-34980871, FAX:34985907			
HVAC AND PLUMBING CONSULTANTS			
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*DOOR OPENING FOLLOWS AS PER DOOR MARKING PLAN			
GLASS DOOR			
			
SOLID DOOR			
			
ACCESS PANEL DOOR			
			
01	ISSUE FOR Construction	24-3-25	
NO.	REVISION/ISSUE	DATE	
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.II			
TITLE			
DOOR DETAIL			
SCALE		DATE	
3/4"= 1'-0"		Mar '25	
DWG. NO.	D-1	SHEET	REV.
		12 of 16	



PROJECT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
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*DOOR OPENING FOLLOWS AS PER DOOR MARKING PLAN

GLASS DOOR

GD

SOLID DOOR

D

ACCESS PANEL DOOR

AP

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

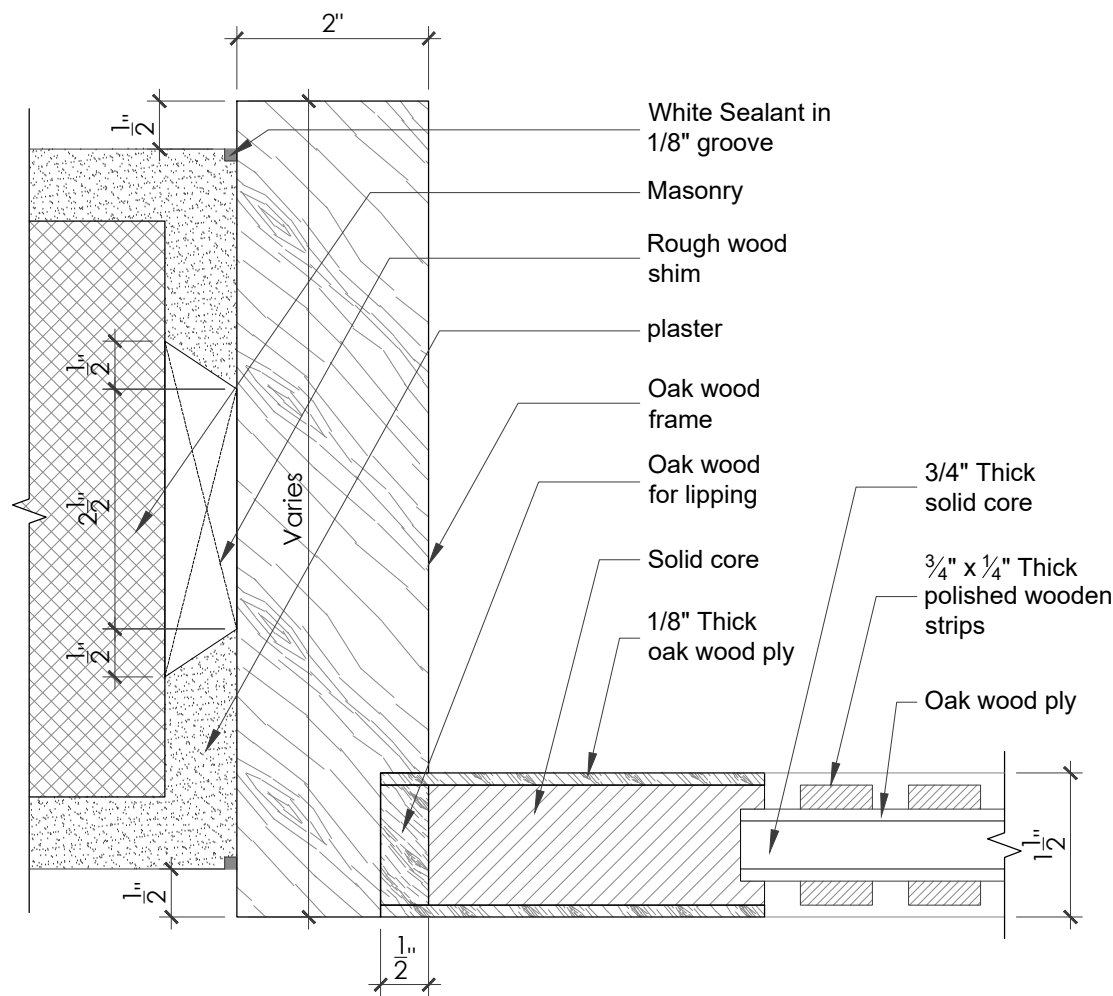
PLOT NO 69-C,National Highway, PH.II

TITLE

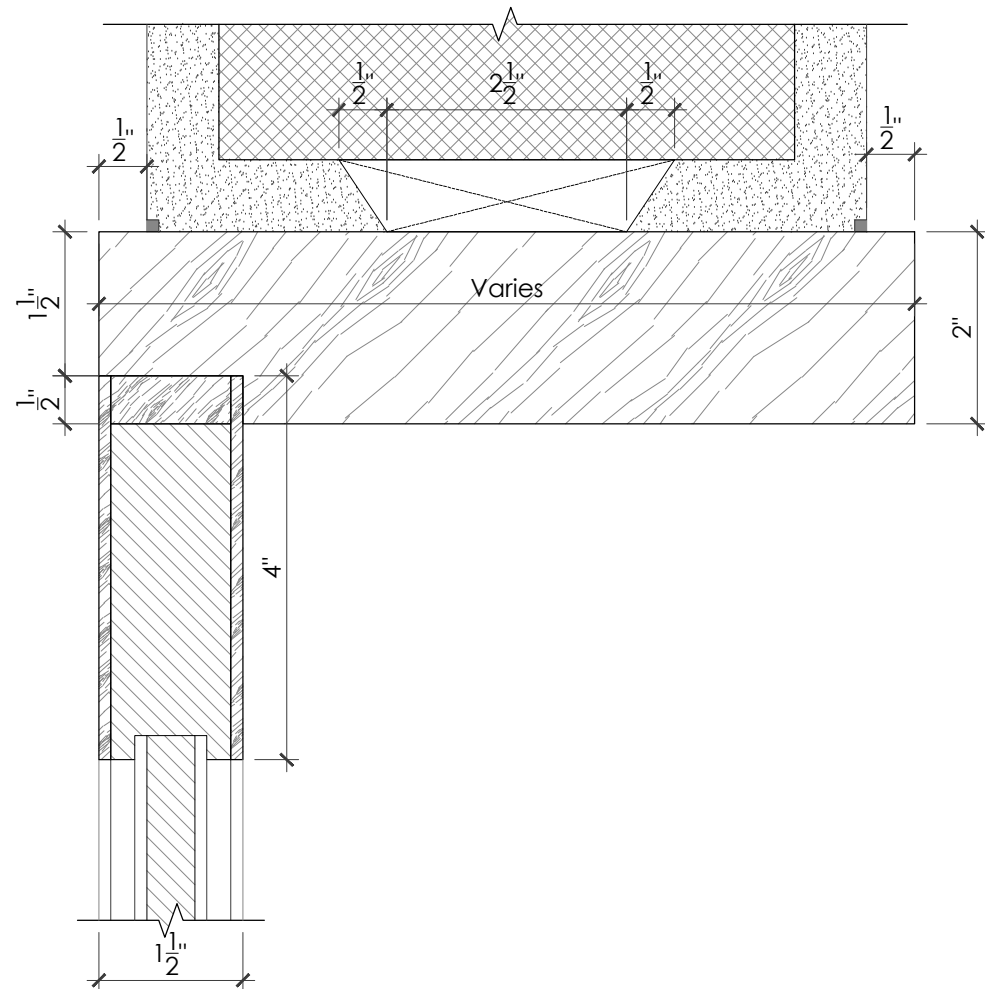
DOOR DETAIL

SCALE	DATE
3/4"= 1'-0"	Mar '25

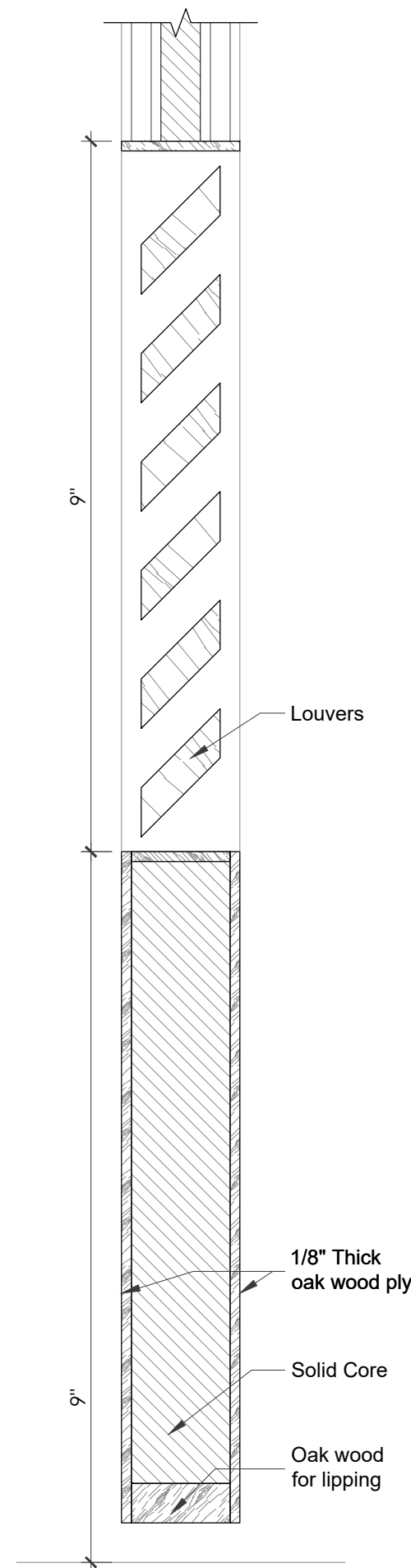
DWG. NO.	D-1	SHEET	REV.
		13 of 16	



SOLID PANEL TOP DETAIL

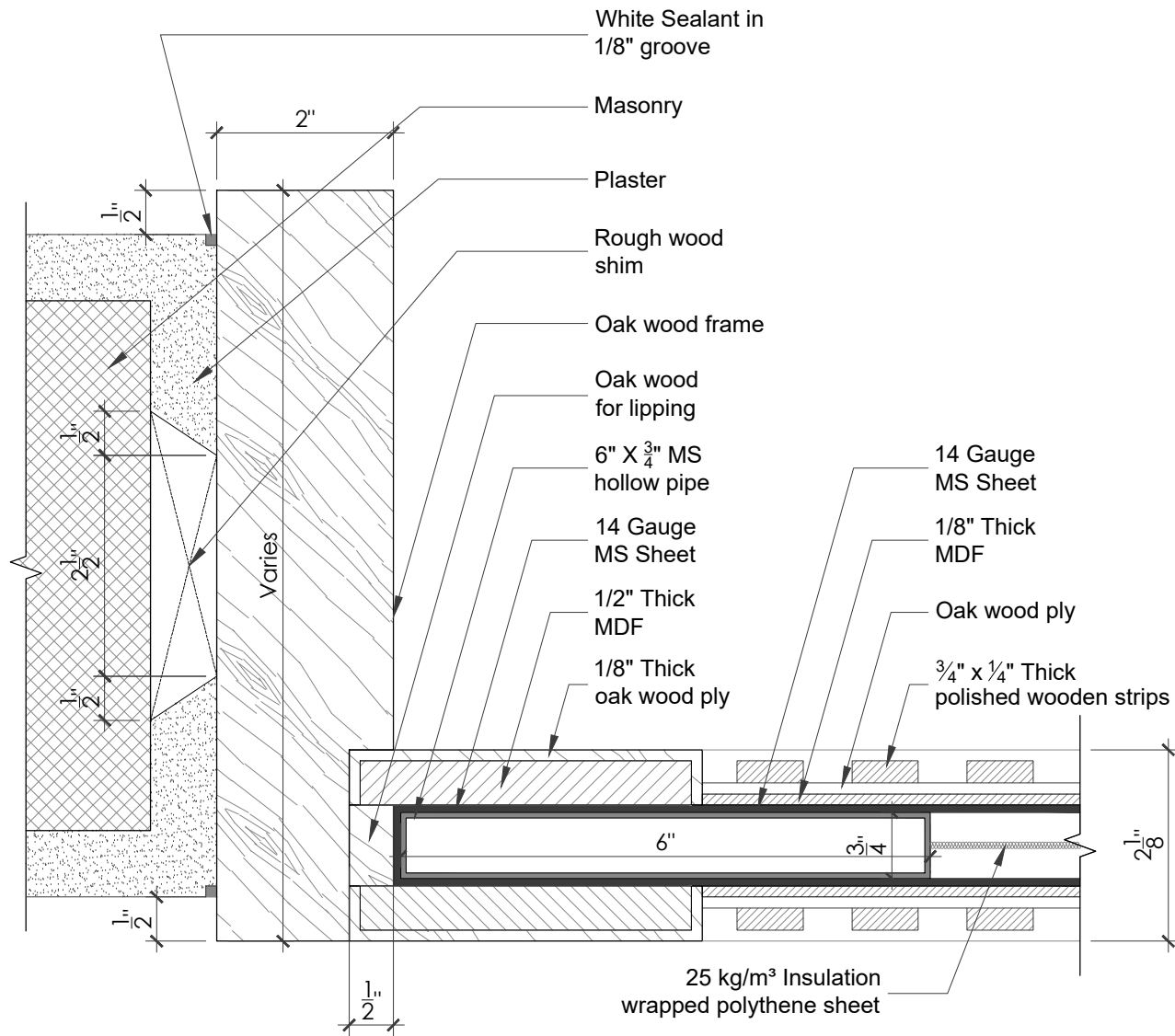


SOLID PANEL WITH LOUVERS PLAN DETAIL

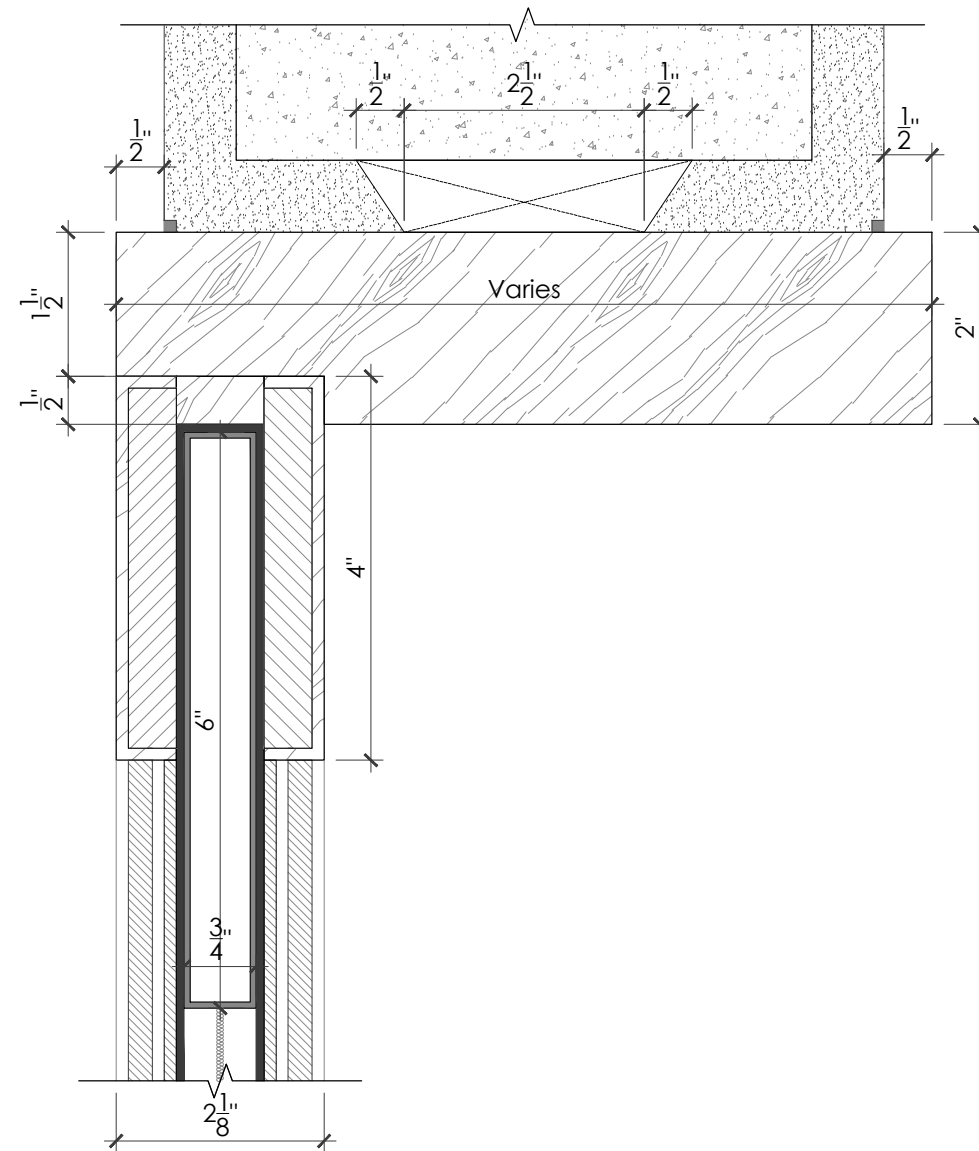


SOLID PANEL WITH LOUVERS BOTTOM DETAIL

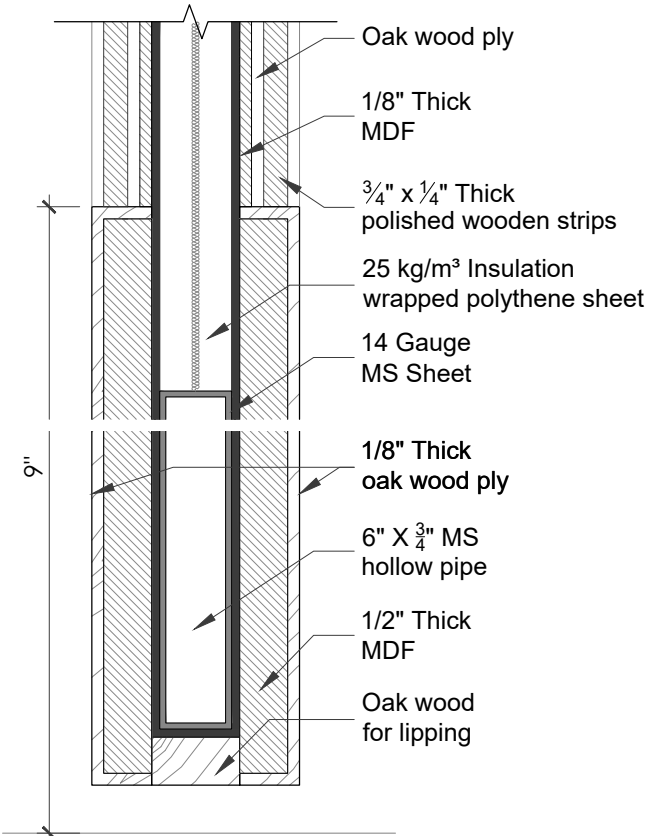
PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer:  ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI, TEL: 021-34988461-34980871, FAX:34985907			
HVAC AND PLUMBING CONSULTANTS			
 FAHIM, NANJI & DESOUZA Consulting Engineers HVAC, Plumbing, Mechanical 10, ILACO House, Abdullah Haroon Road, Karachi-74400 Pakistan Ph: (92-21) 563-7878-82 Fax: (92-21) 521-1634 Email: fahimnaji@cyber.net.pk			
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*DOOR OPENING FOLLOWS AS PER DOOR MARKING PLAN			
01	ISSUE FOR Construction		24-3-25
NO.	REVISION/ISSUE		DATE
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO			
69-C,National Highway, PH.II			
TITLE			
DOORS JOINERY DETAIL			
SCALE		DATE	
3/4"= 1'-0"		Mar '25	
DWG. NO.	D-1		SHEET
			14 of 16
			REV.



MS CORE DOOR PLAN DETAIL



MS CORE DOOR TOP DETAIL



MS CORE DOOR BOTTOM DETAIL

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL, KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

HVAC AND PLUMBING CONSULTANTS

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TO THE ARCHITECT DURING
EXCECUITON WORK

*DOOR OPENING FOLLOWS AS PER
DOOR MARKING PLAN

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT
HABIB BANK LIMITED

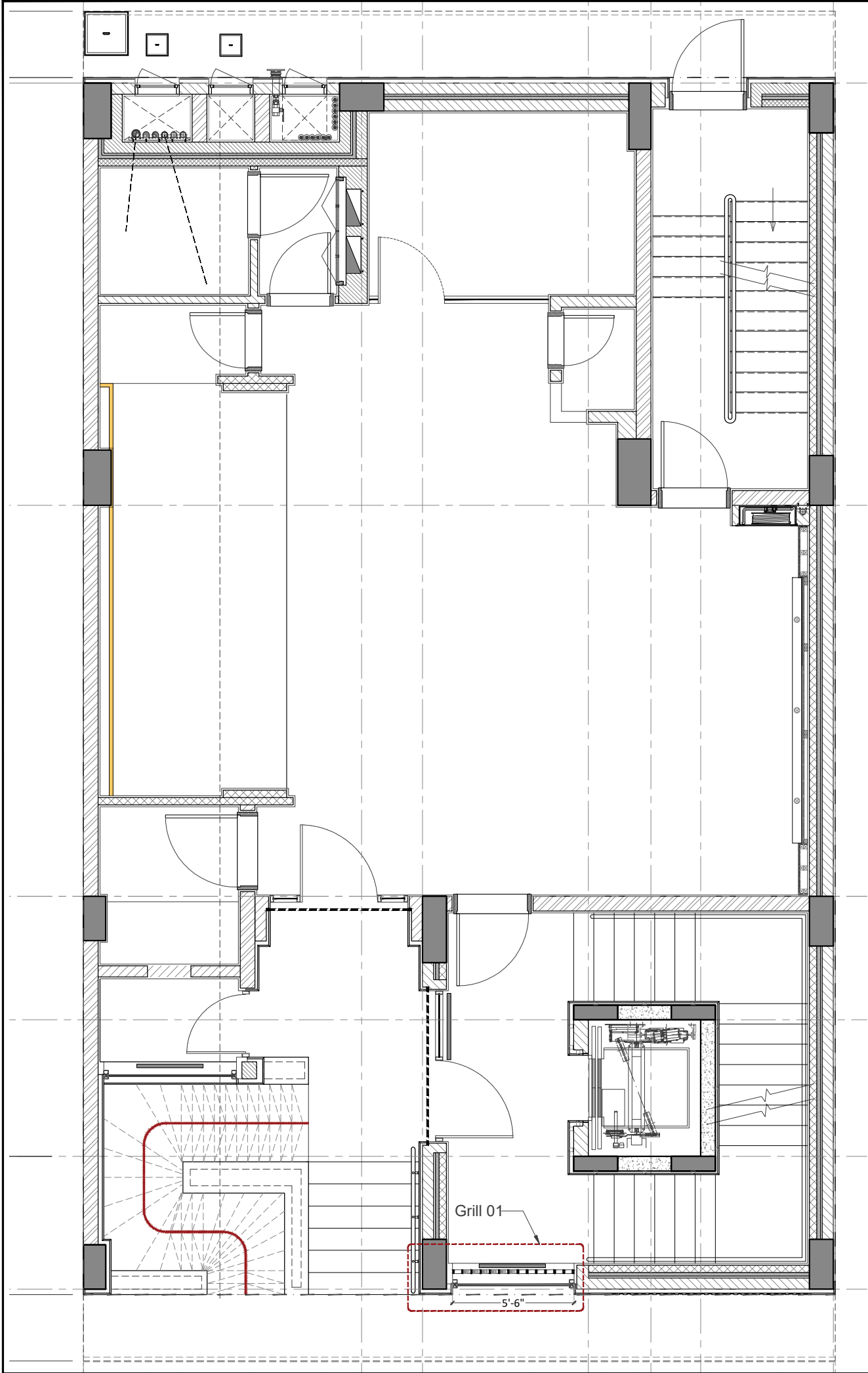
Address
**PLOT NO
69-C,National Highway, PH.II**

TITLE
**DOORS
JOINERY DETAIL**

SCALE
3/4" = 1'-0"

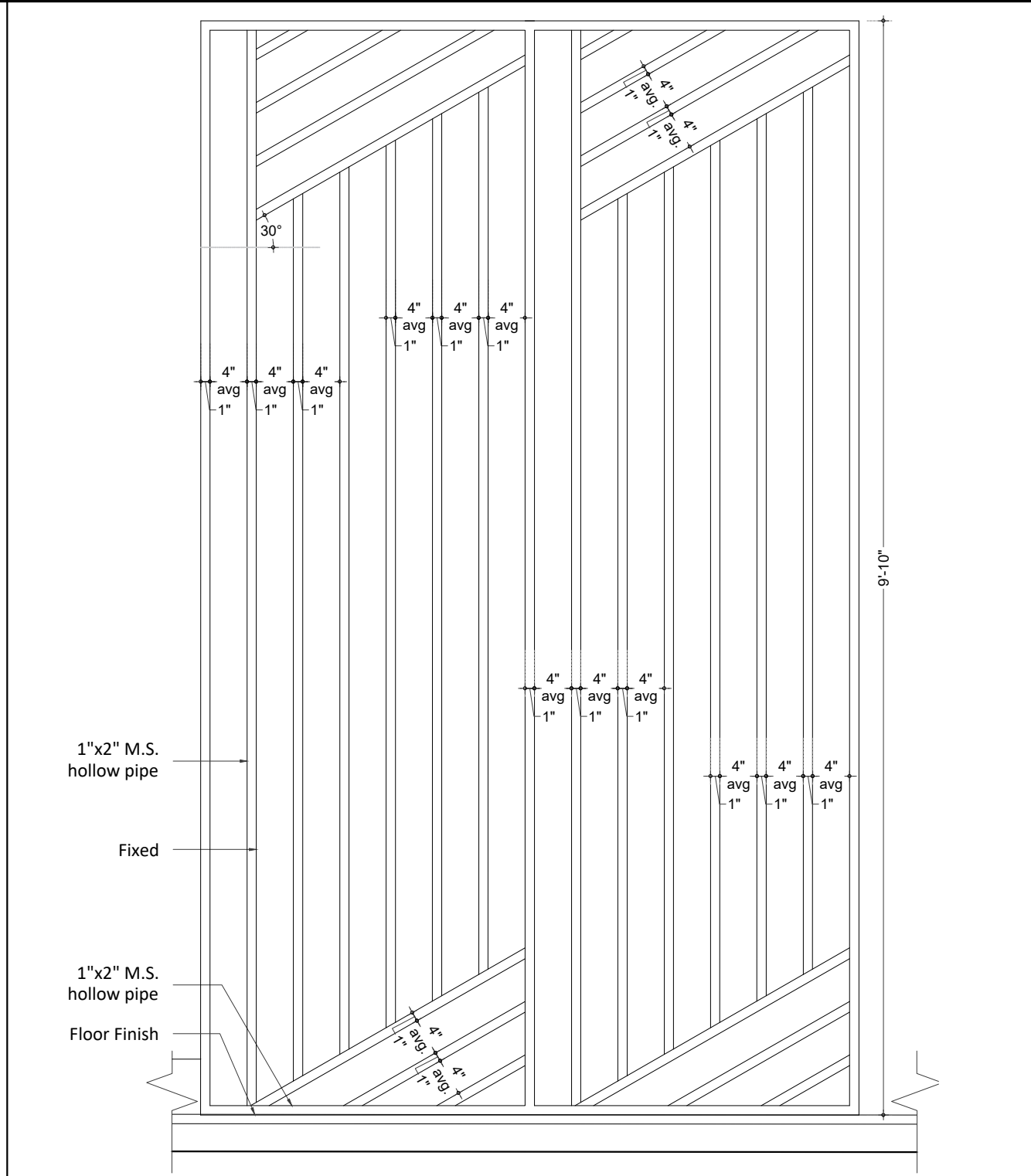
DATE
Mar '25

DWG. NO.	D-1	SHEET 15 of 16	REV.
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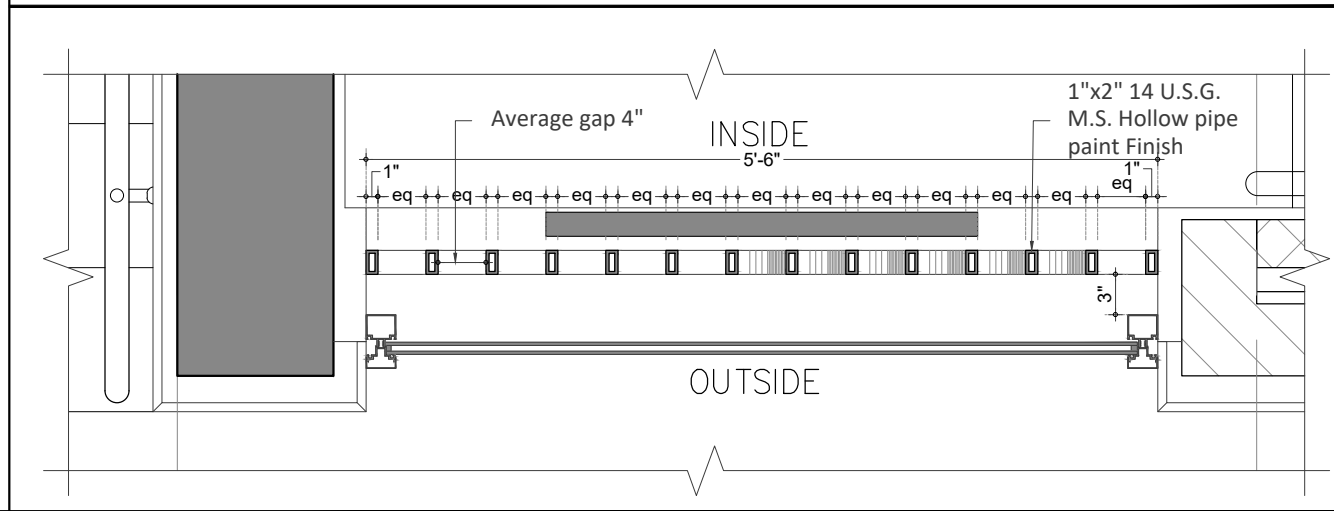


MARKING PLAN

N.T.S



ELEVATION



PLAN

PROJECT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer:

**ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL, KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

HVAC AND PLUMBING CONSULTANTS



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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

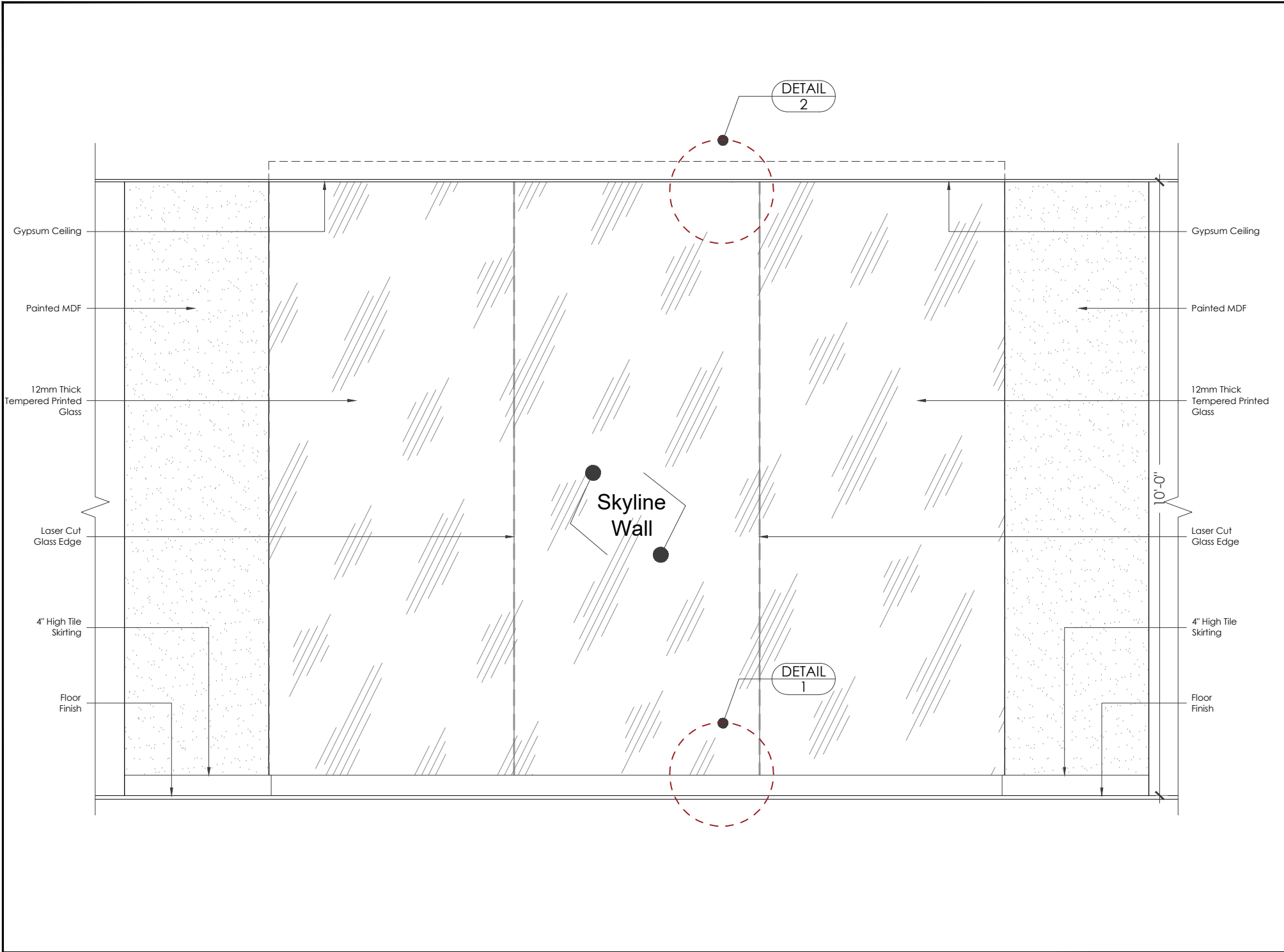
PLOT NO
69-C,National Highway, PH.II

TITLE

SECURITY GRILL

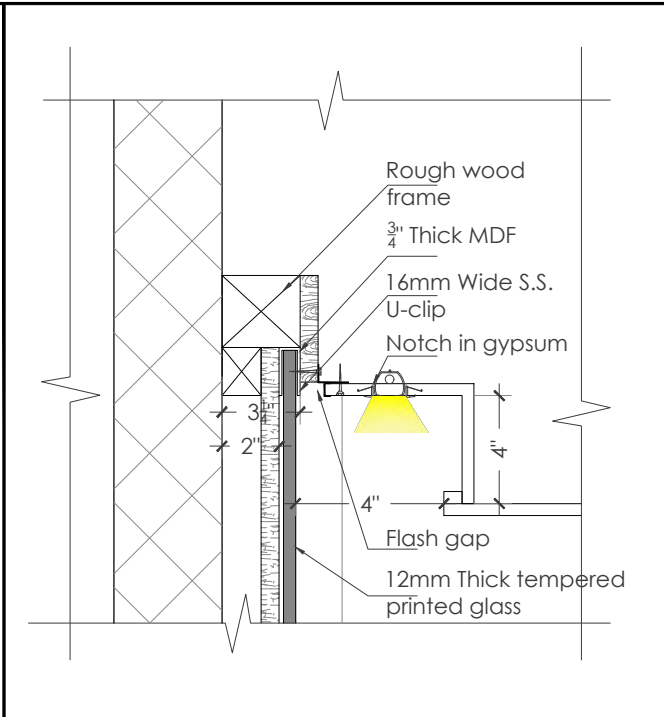
SCALE	DATE
3/4"= 1'-0"	Mar '25

DWG. NO.	D-2	SHEET	REV.
		1 of 1	



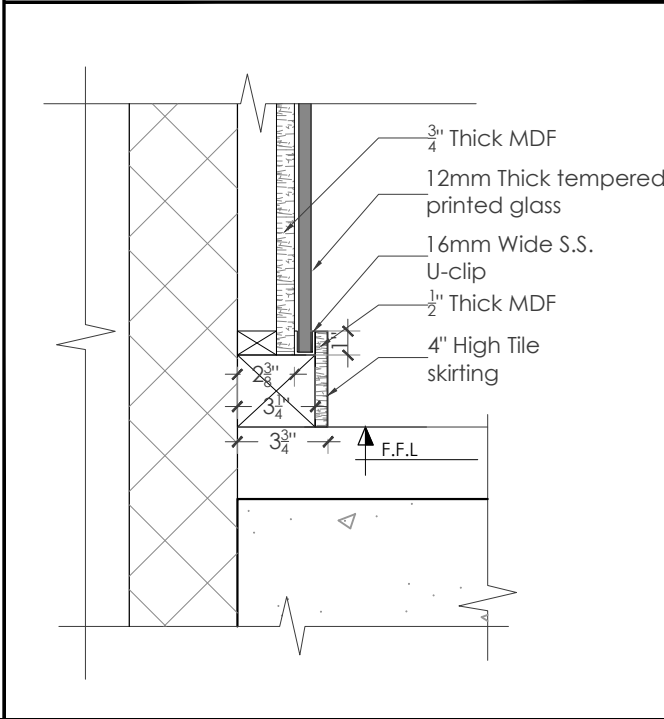
ELEVATION 1

1/2" = 1'-0"



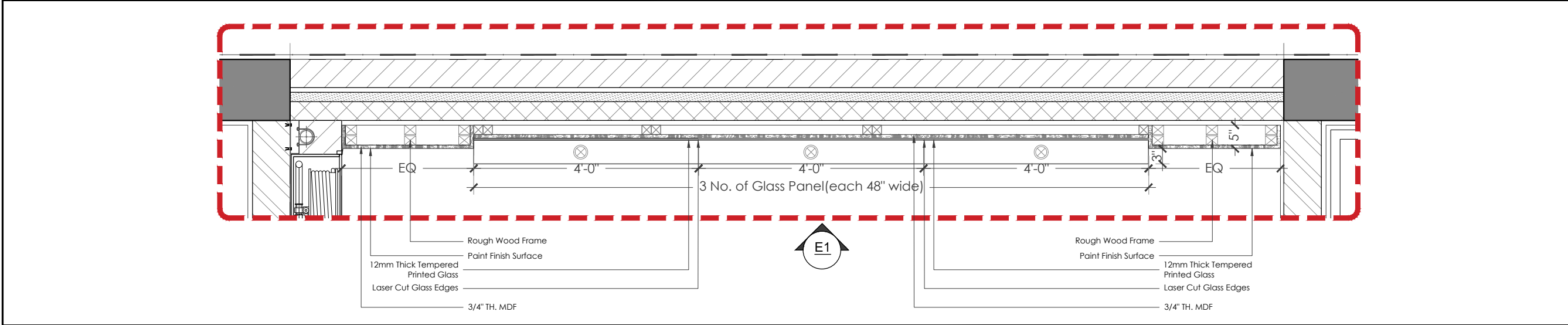
DETAIL -02

1-1/2" = 1'-0"



DETAIL -01

1-1/2" = 1'-0"



PLAN

1/2" = 1'-0"

PROJECT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

STRUCTURE CONSULTANT'S

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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

SKYLINE WALL

SCALE	DATE
AS SHOWN	Mar '25

DWG. NO.	D-3	SHEET 1 of 1	REV.
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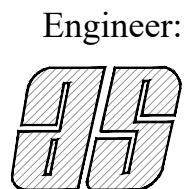
HBL, AT 69-C, National Highway, KARACHI (FURNITURE DRAWINGS)

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



3rd Floor : Marine Pride, Block -7, Khyaban-e-Iqbal, Clifton, Karachi-75600, Pakistan
Telephone: (92-21) 5878579 (92-21) 5878580, (92-21) 5870743 Facsimile: (92-21) 5878581
E-mail: cdesign@collaborativedesign.com.pk Website: www.collaborativedesign.com.pk

STRUCTURAL CONSULTANTS



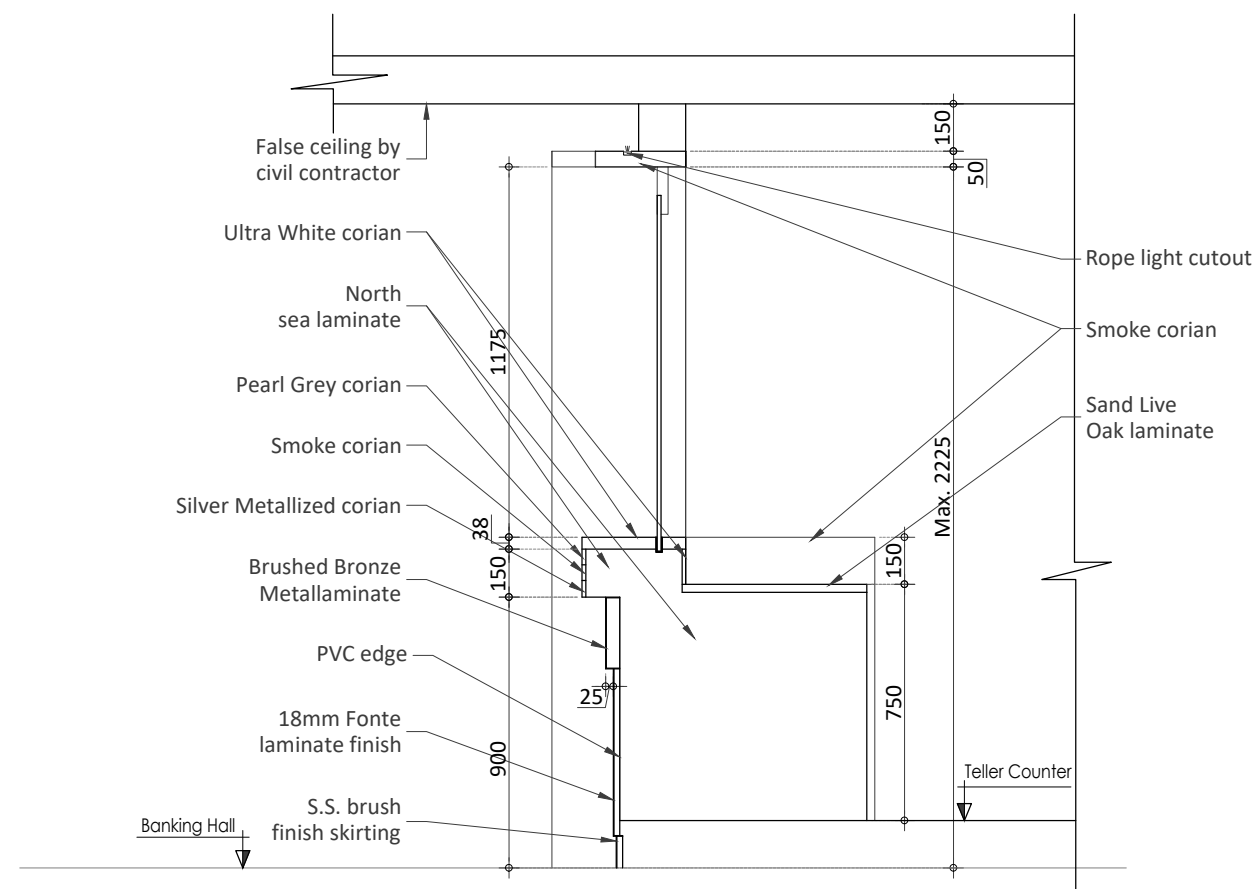
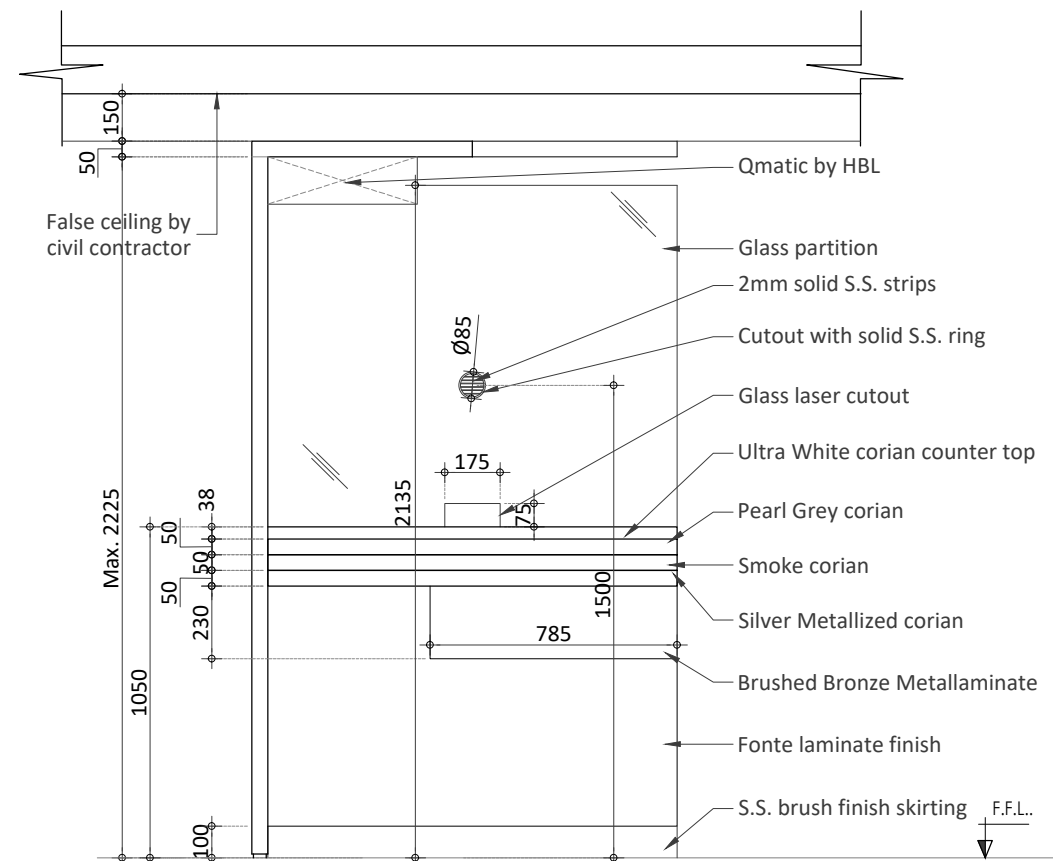
Engineer:

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CONSULTANTS
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GULSHAN - E - IQBAL KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

H.V.A.C. AND PLUMBING CONSULTANTS



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PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

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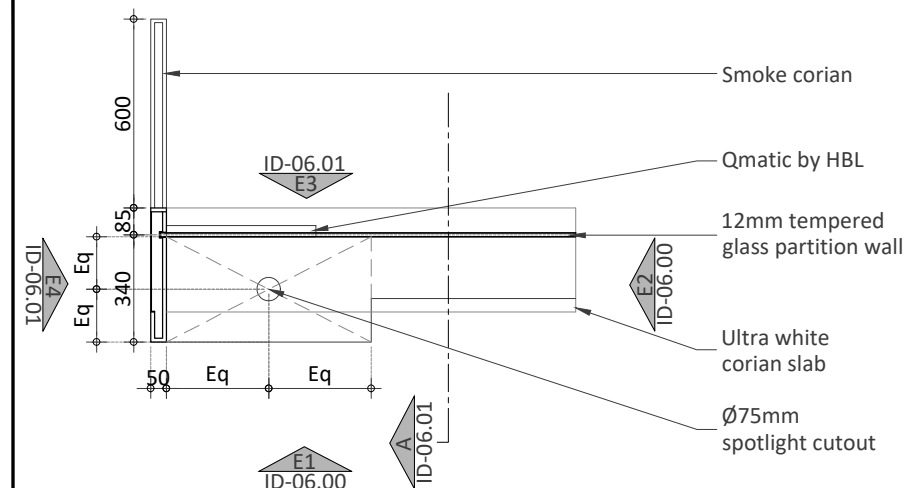
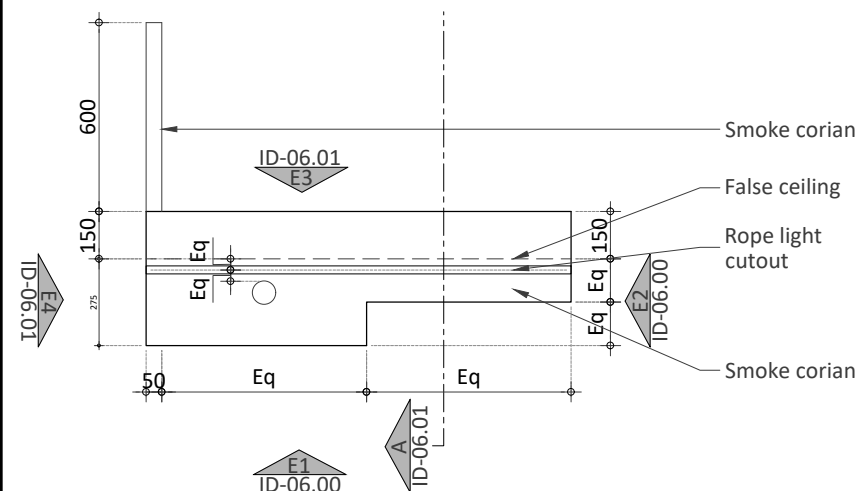
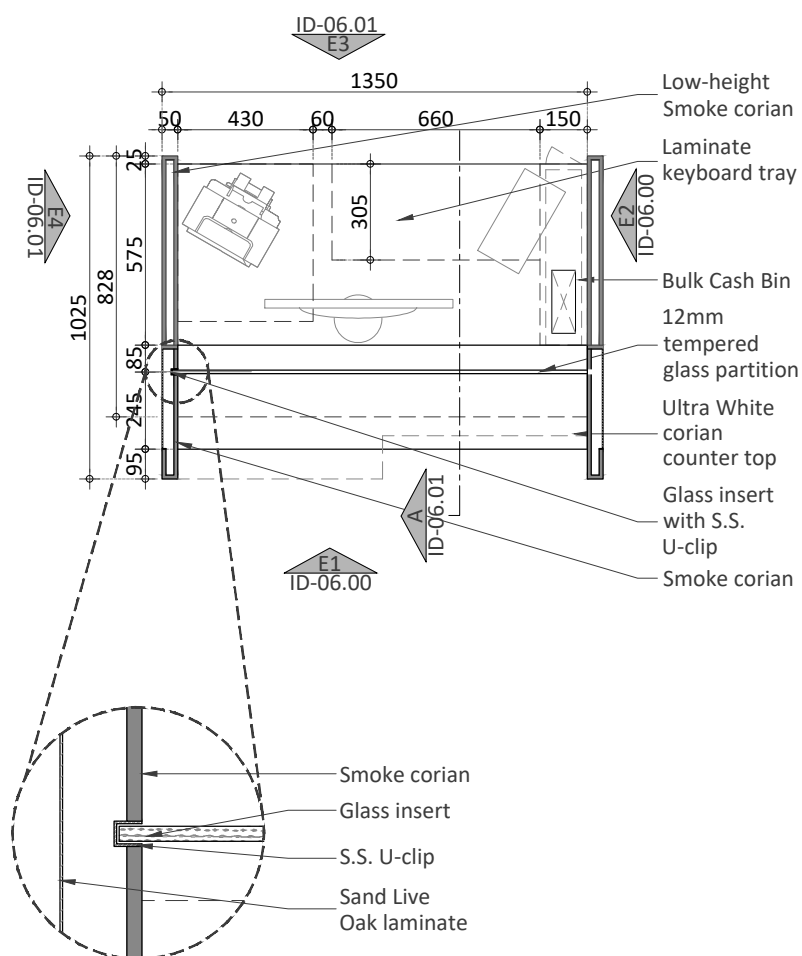
NOTE:

* MANUFACTURER TO PRODUCE
CONSTRUCTION DRAWINGS FOR
APPROVAL PRIOR TO
MANUFACTURE

* ALL DIMENSIONS ARE IN MILLIMETRE (mm)

* ALL INTERNAL NON-VISIBLE
CARCUS SHOULD BE IN LOCAL
MATCHING LAMINATE

* TOP HEIGHT SHOULD BE MIN.
152MM DOWN FROM THE
PREVAILING FALSE CEILING LEVEL



01	ISSUE FOR Construction	24-3-25
<u>NO.</u>	<u>REVISION/ISSUE</u>	<u>DATE</u>

CLIENT

HABIB BANK LIMITED

Address

Address **PLOT NO**
69-C, National Highway, PH.II

TITLE

TELLER COUNTER

SCALE

1:24

DATE _____

Mar '25

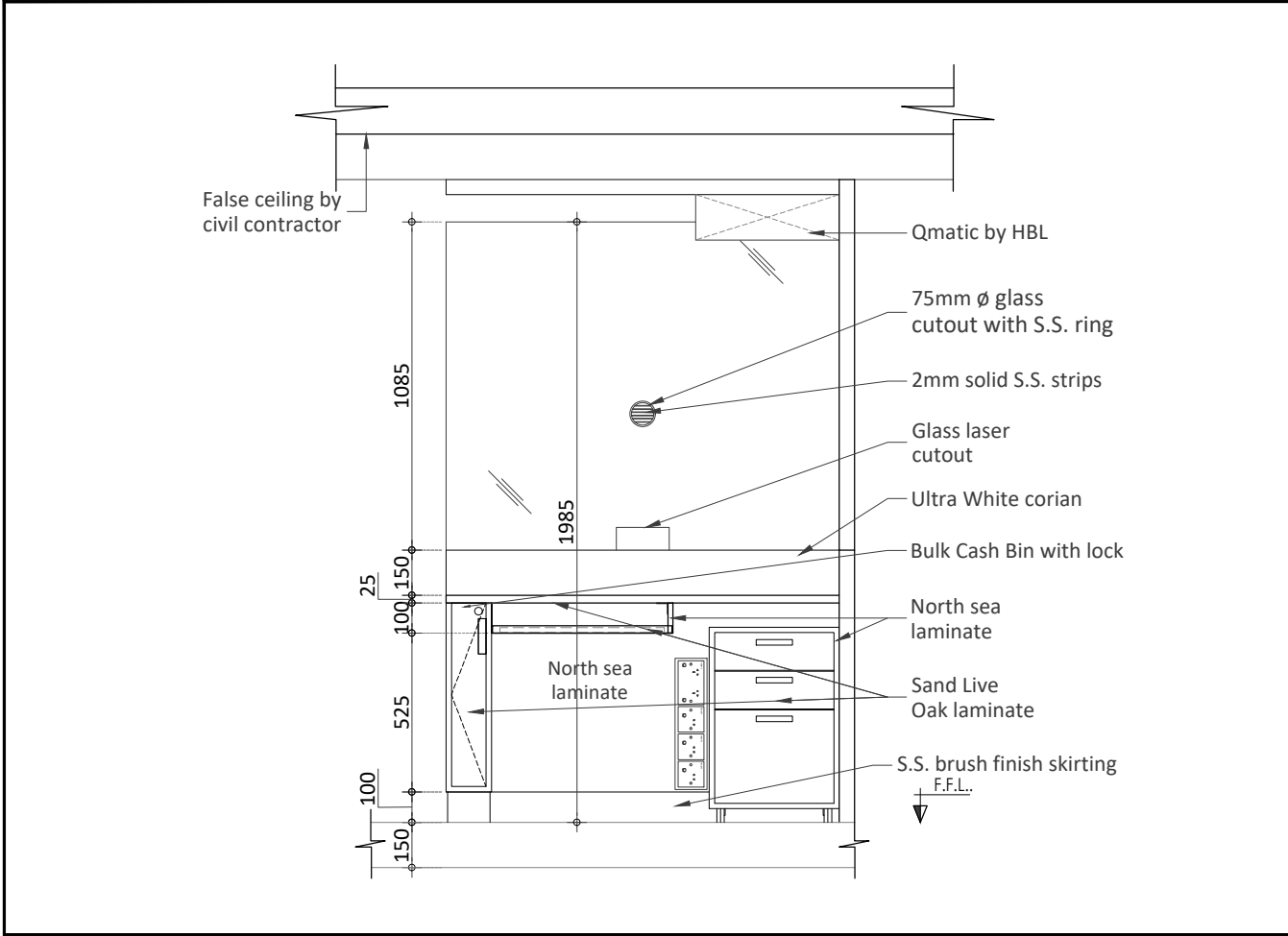
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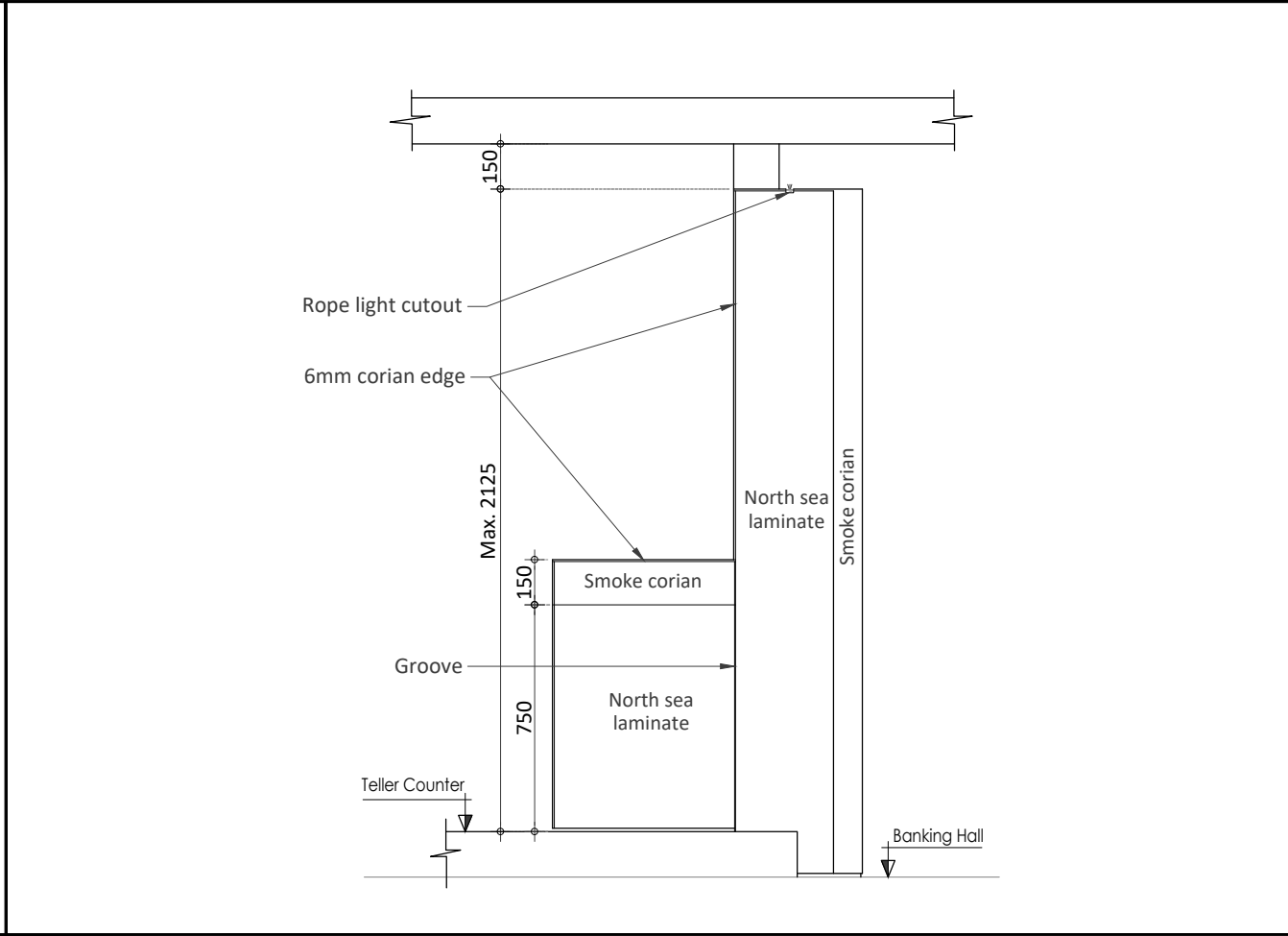
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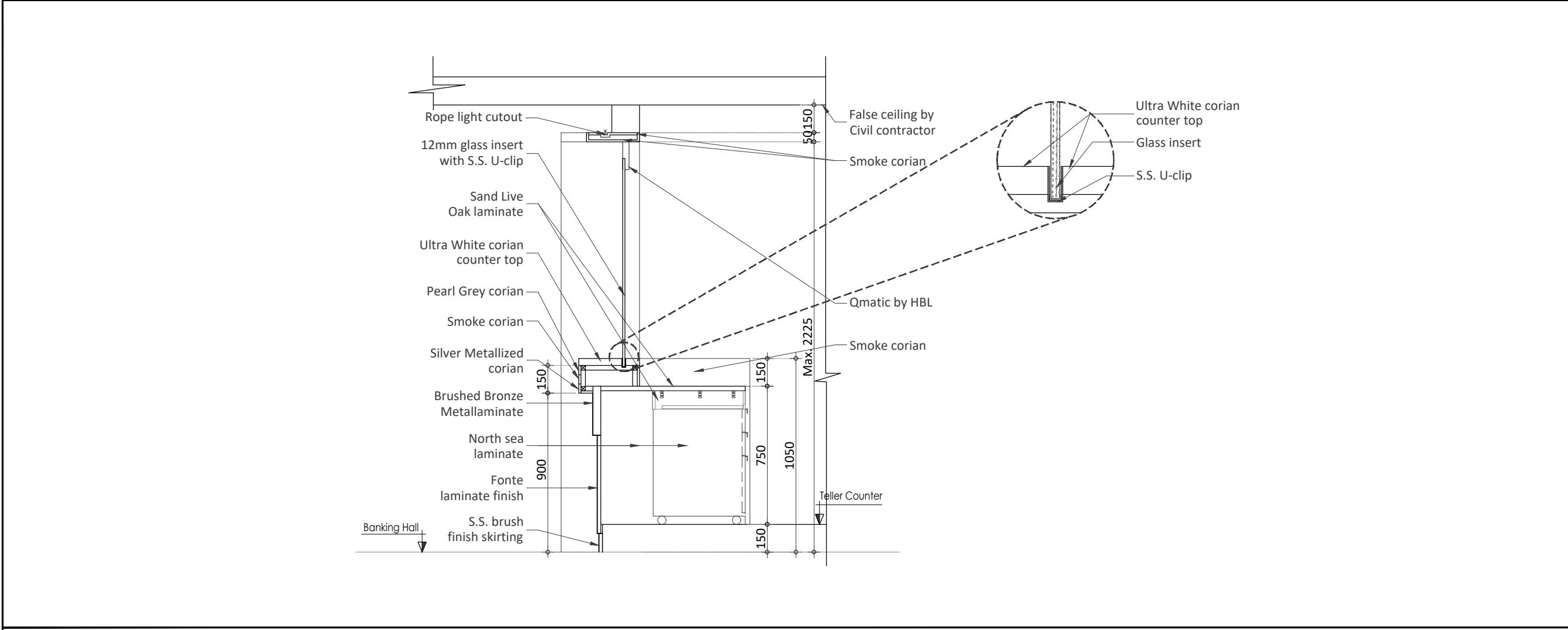
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ELEVATION - 3



ELEVATION - 4



SECTION - A

PROJECT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

STRUCTURE CONSULTANT'S

Engineer: ARIF & ASSOCIATES
CONSULTANTS
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* TOP HEIGHT SHOULD BE MIN. 152MM DOWN FROM THE PREVAILING FALSE CEILING LEVEL

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

TELLER COUNTER

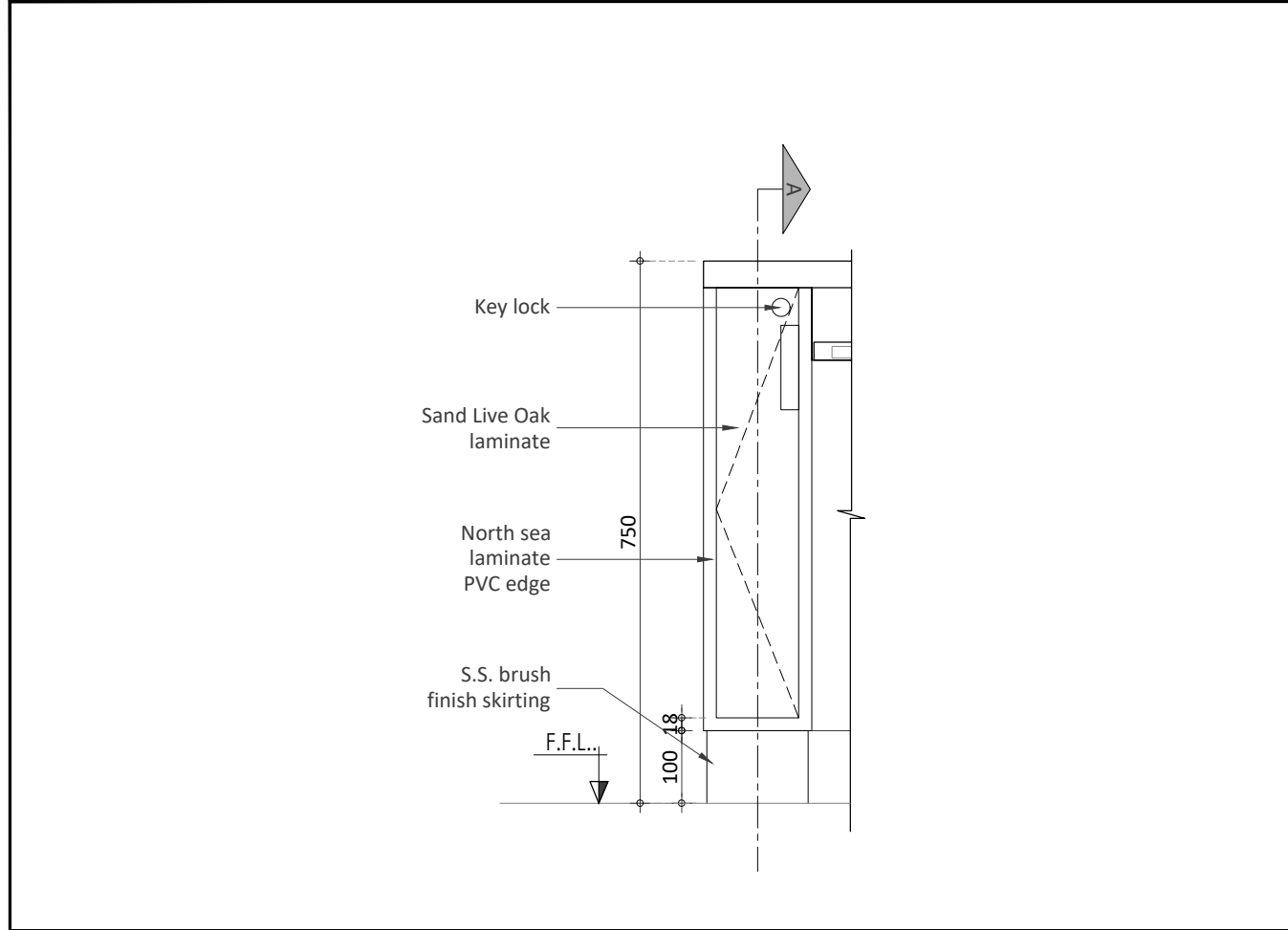
SCALE

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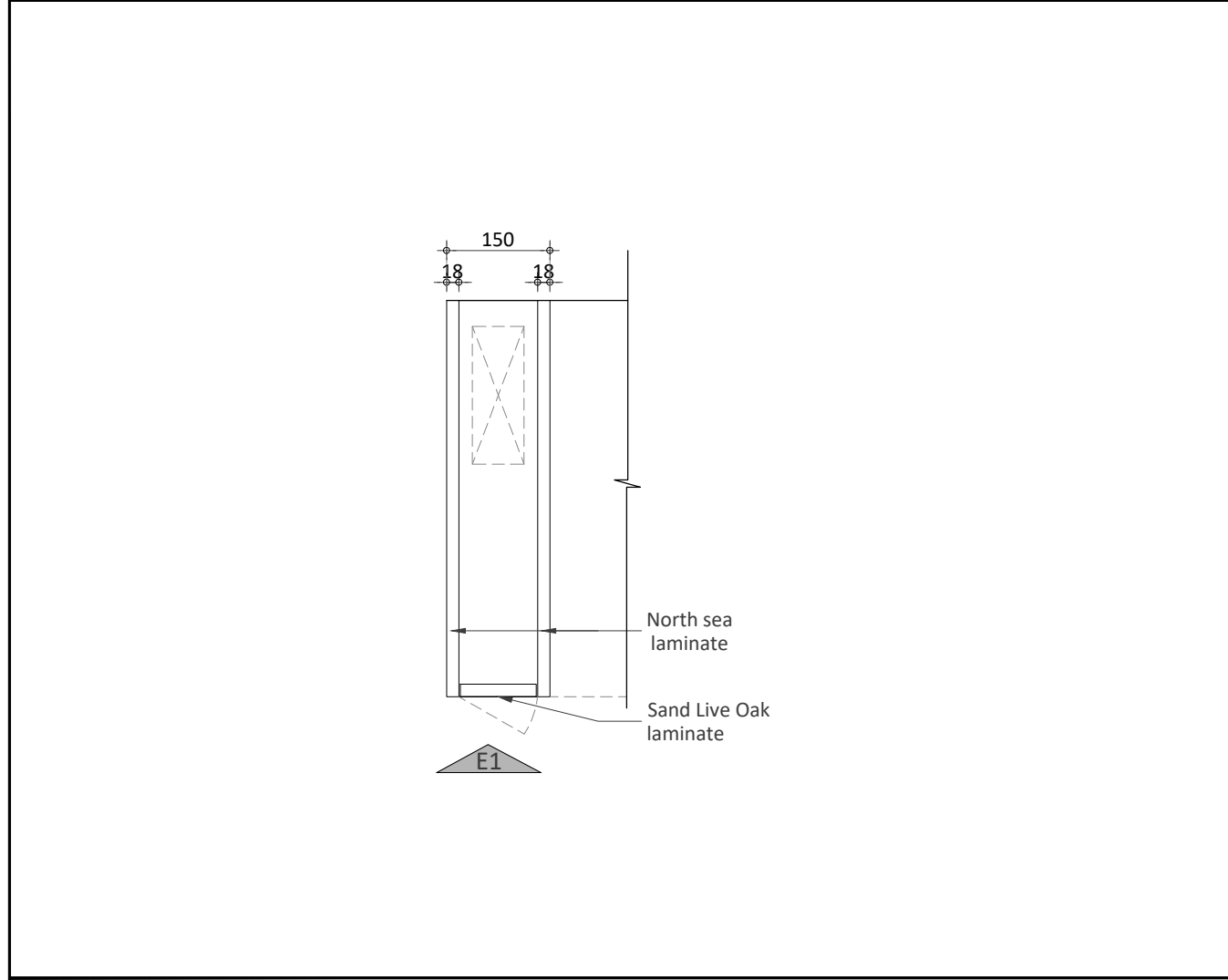
DATE

Mar '25

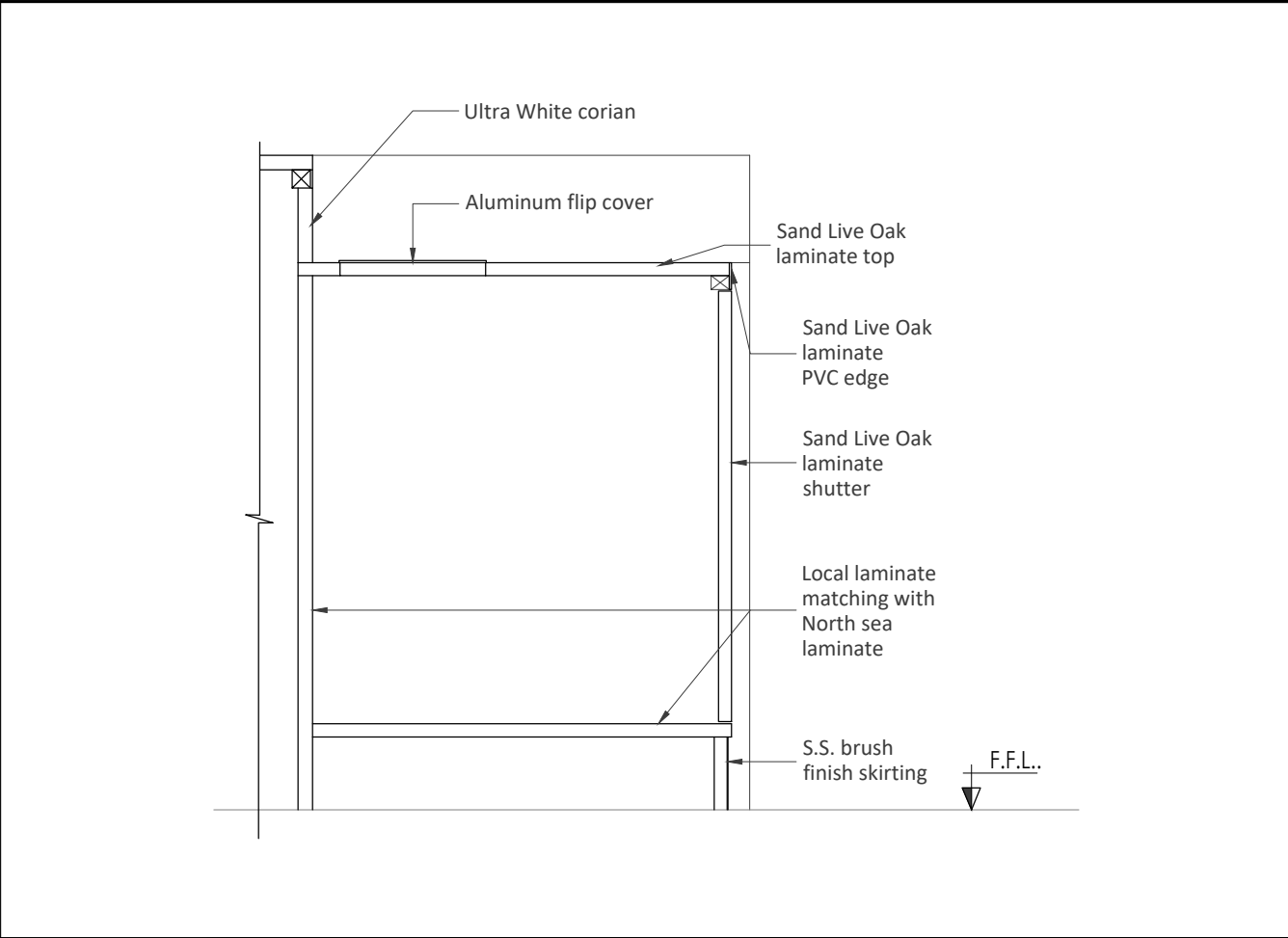
DWG. NO.	ID-01.01	SHEET 2 of 6	REV.
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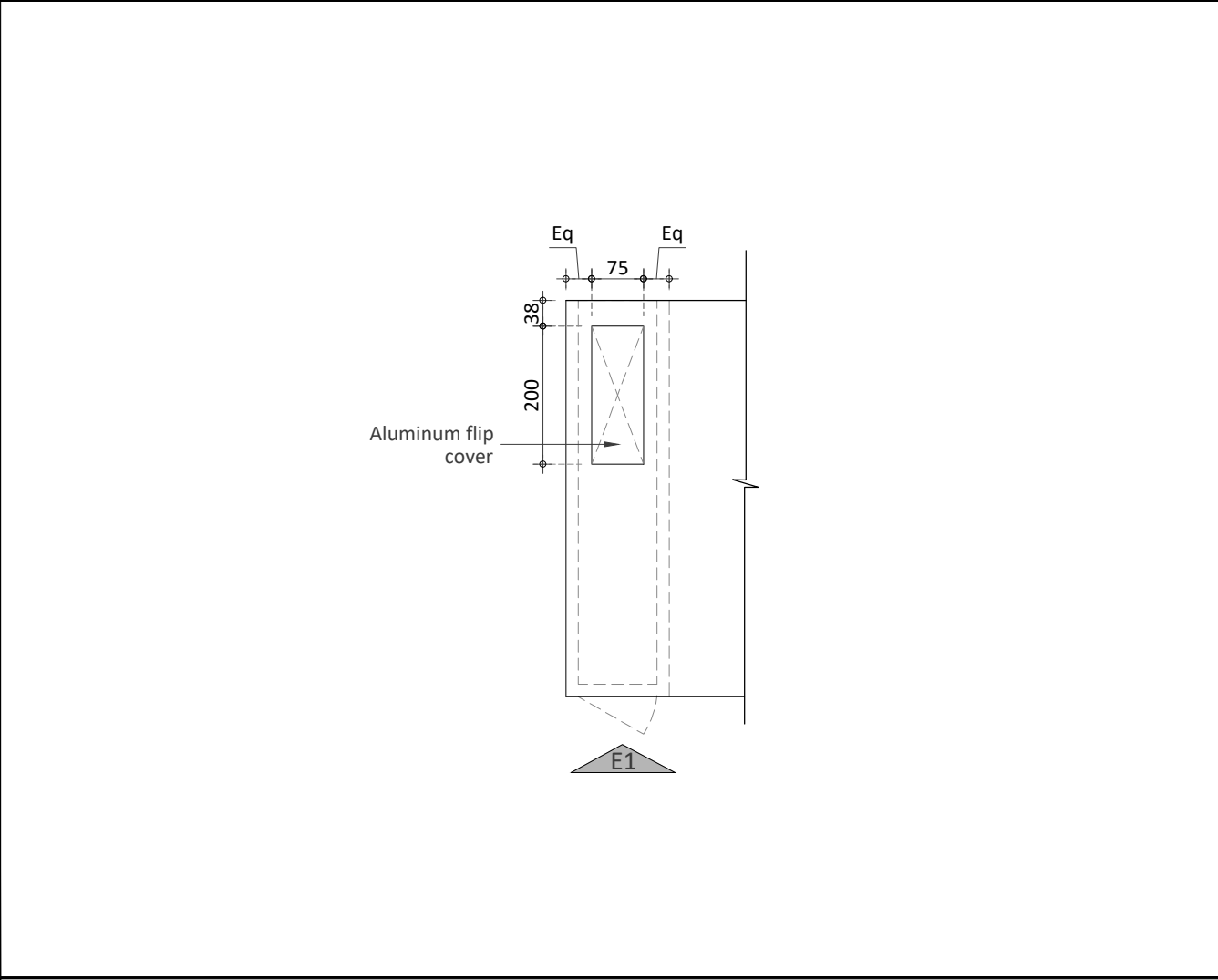
ELEVATION - 1



PLAN



SECTION - A



TOP PLAN

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



COLLABORATIVE
DESIGN

STRUCTURE CONSULTANT'S

Engineer:



ARIF & ASSOCIATES
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IGBAL, KARACHI.
TEL: 021-34988461-34988871, FAX:34988907

HVAC AND PLUMBING CONSULTANTS



FND

FAHIM, NANJI & DESOUZA
Consulting Engineers

HVAC, Plumbing & Mechanical
10, ILACO House, Abdullah Haroon Road, Karachi-74400
Pakistan
Ph: (92-21) 563-7878-82
Fax: (92-21) 521-1634
Email: fahimnaji@cyber.net.pk

NOTE:

* MANUFACTURER TO PRODUCE
CONSTRUCTION DRAWINGS FOR
APPROVAL PRIOR TO
MANUFACTURE

* ALL DIMENSIONS ARE IN
MILLIMETRE (mm)

* ALL INTERNAL NON-VISIBLE
CARCUS SHOULD BE IN LOCAL
MATCHING LAMINATE

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

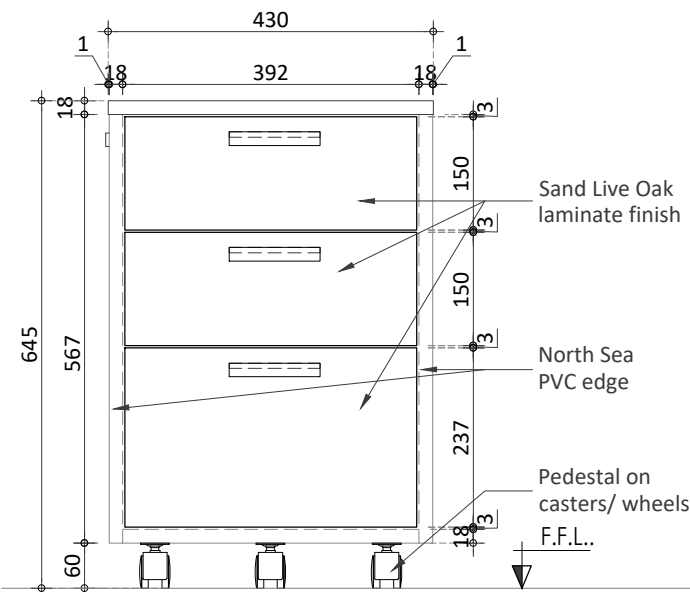
PLOT NO
69-C,National Highway, PH.II

TITLE

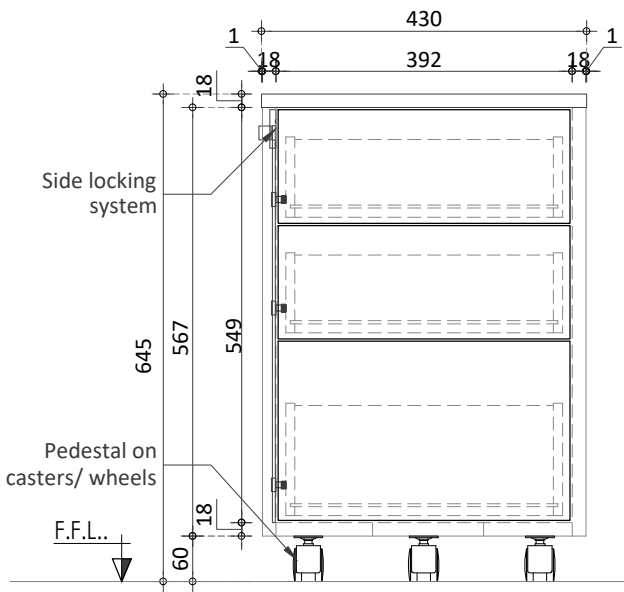
TELLER COUNTER
BULK CASH BIN

SCALE	DATE
1 : 10	Mar '25

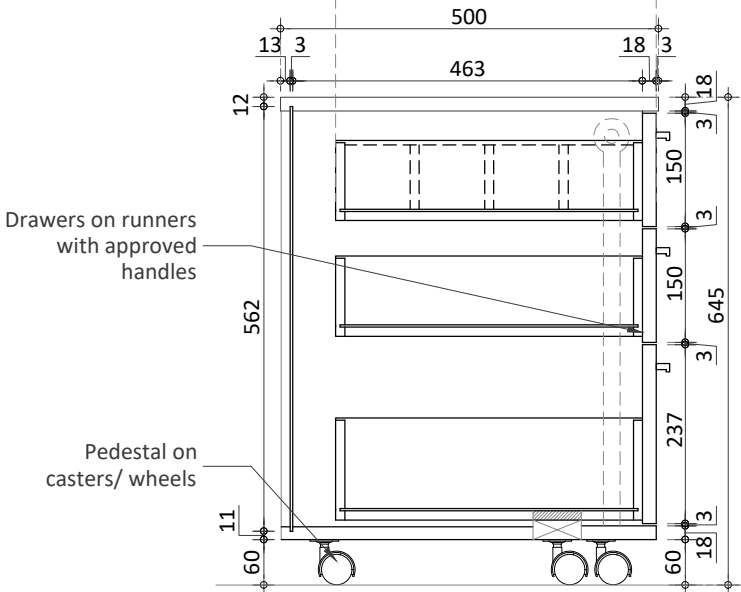
DWG. NO.	ID-01.02	SHEET	REV.
		3 of 6	



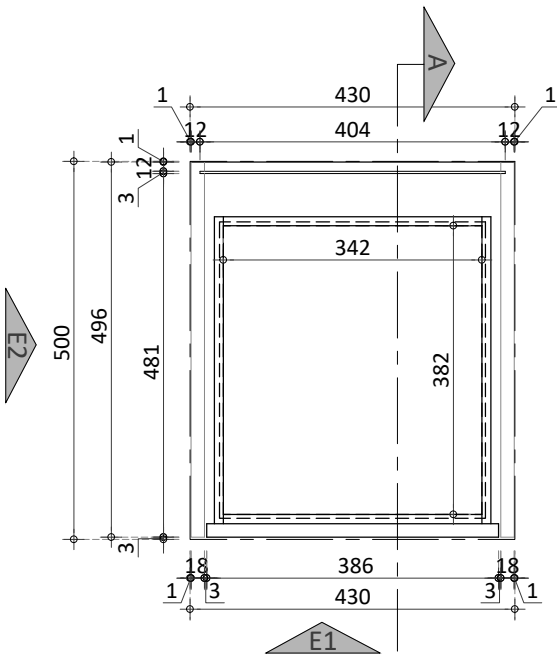
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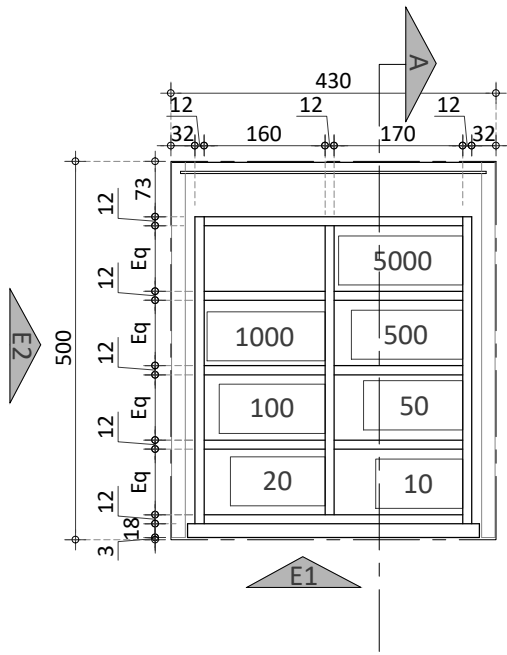
ELEVATION - 2



SECTION - A



PLAN OF DRAWER



PLAN OF CASH DRAWER

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IGBAL KARACHI.
TEL: 021-34988461-34988871, FAX:34988907

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CARCUS SHOULD BE IN LOCAL
MATCHING LAMINATE

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

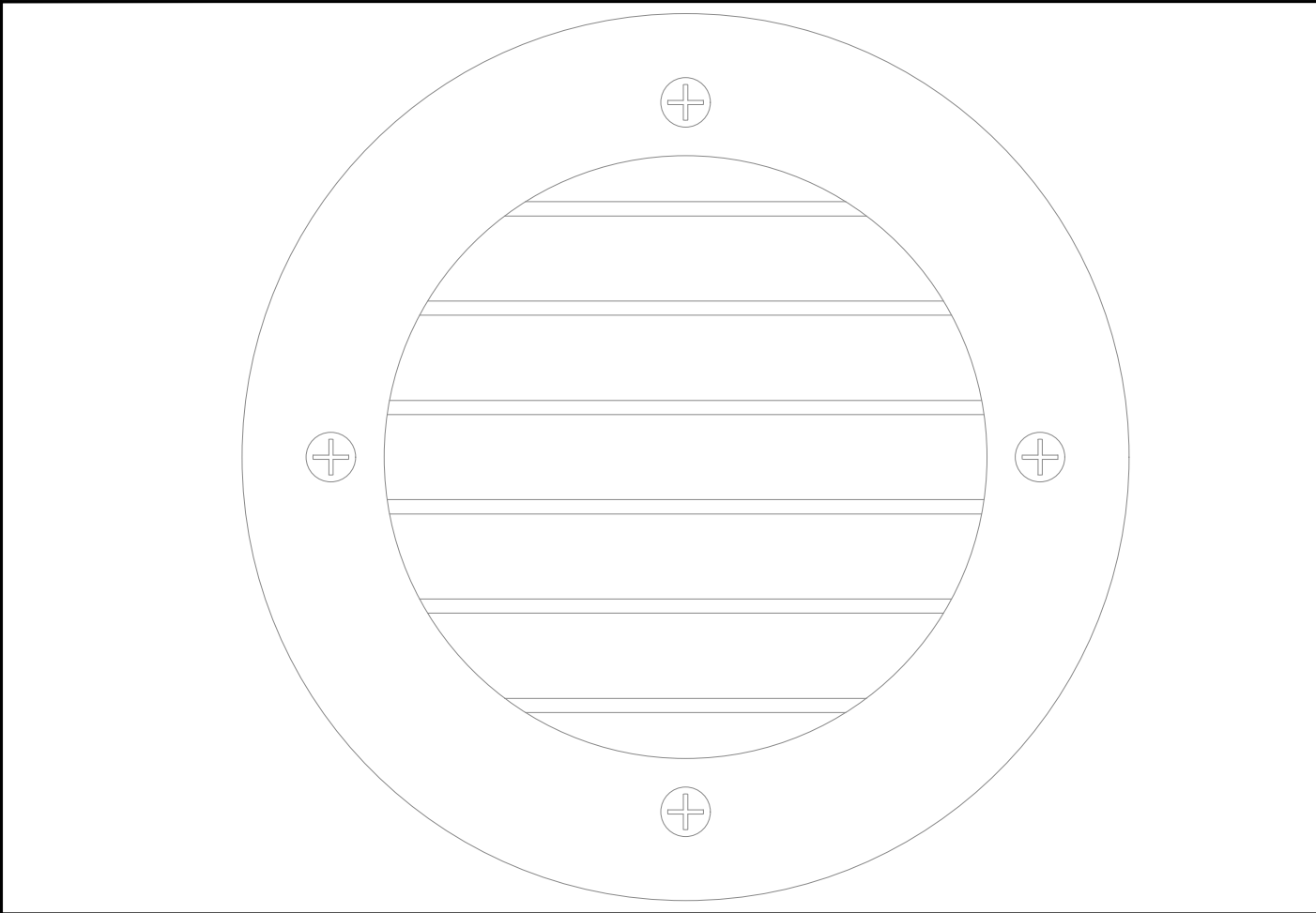
CLIENT
HABIB BANK LIMITED

Address
PLOT NO 69-C,National Highway, PH.II

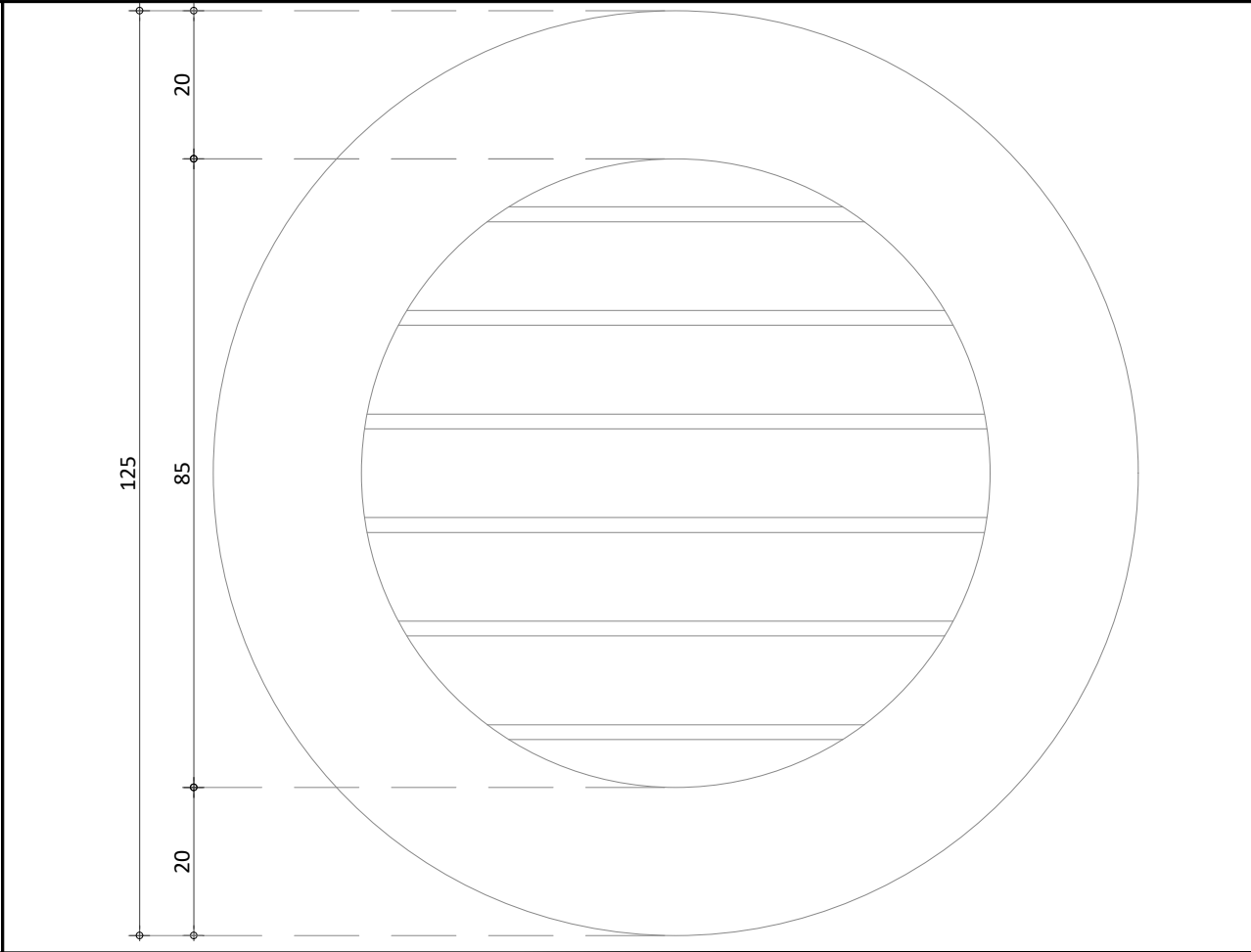
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TELLER COUNTER CASH DRAWER

SCALE	DATE
1 : 10	Mar '25

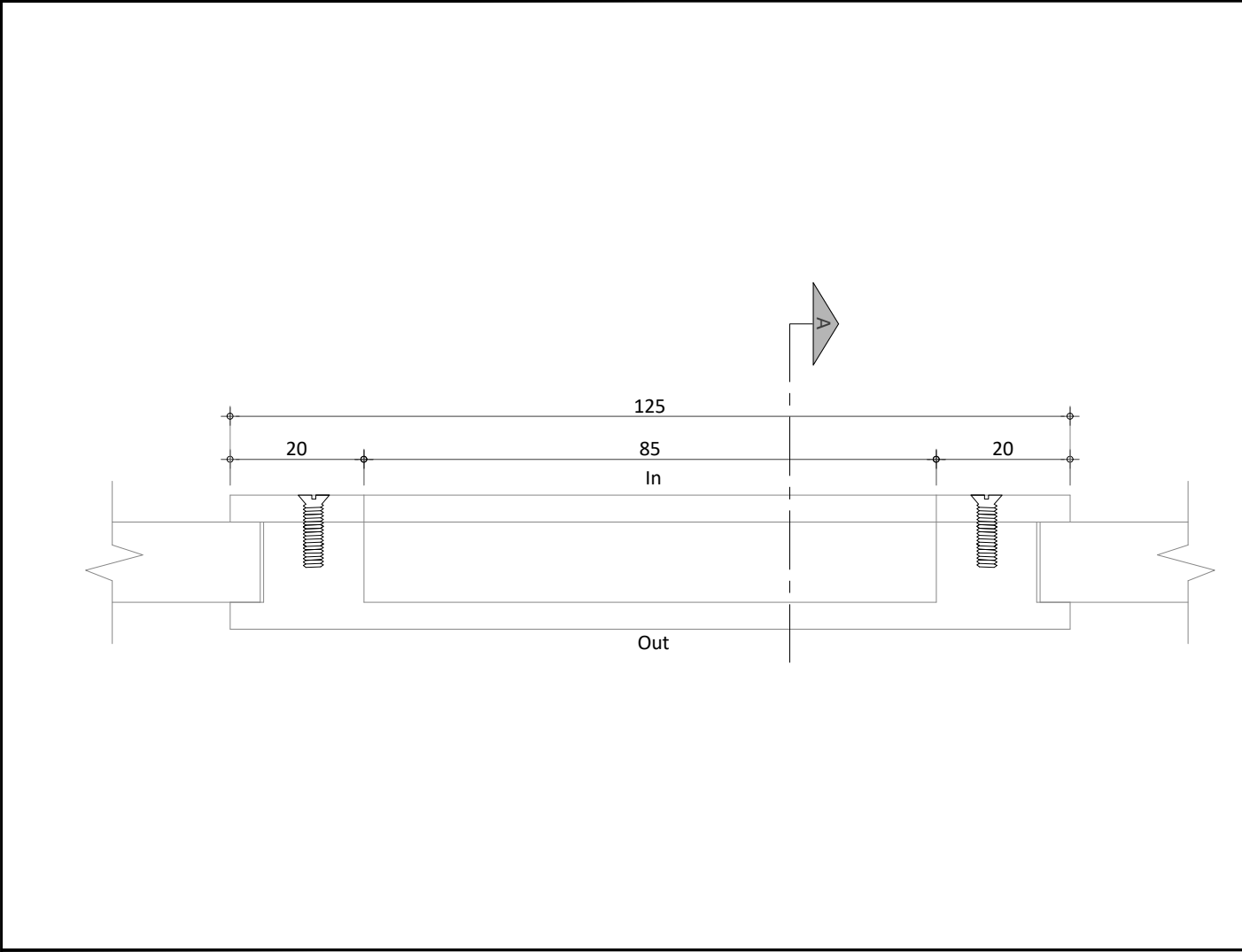
DWG. NO.	ID-01.03	SHEET	REV.
		4 of 6	



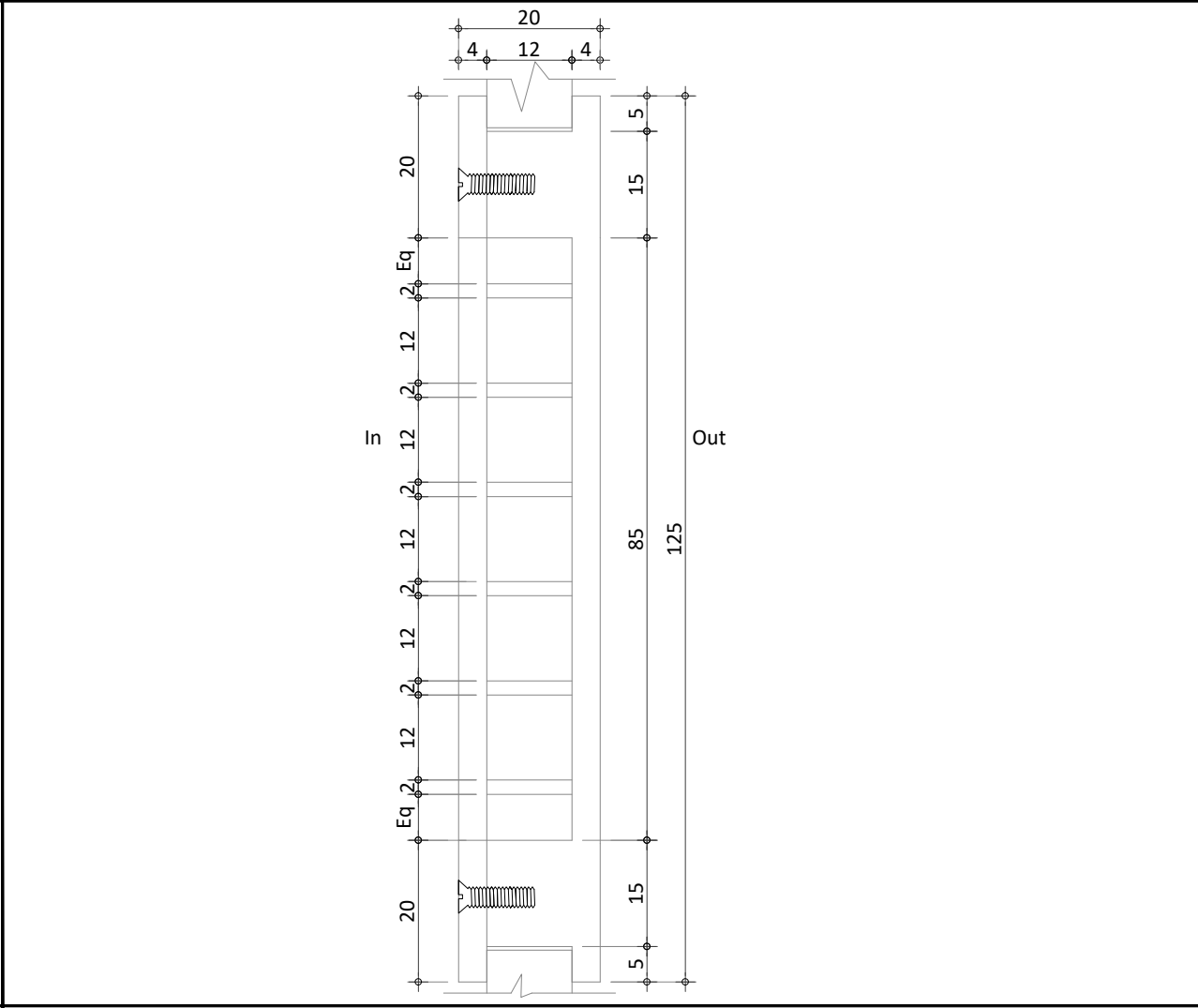
INTERNAL ELEVATION



EXTERNAL ELEVATION

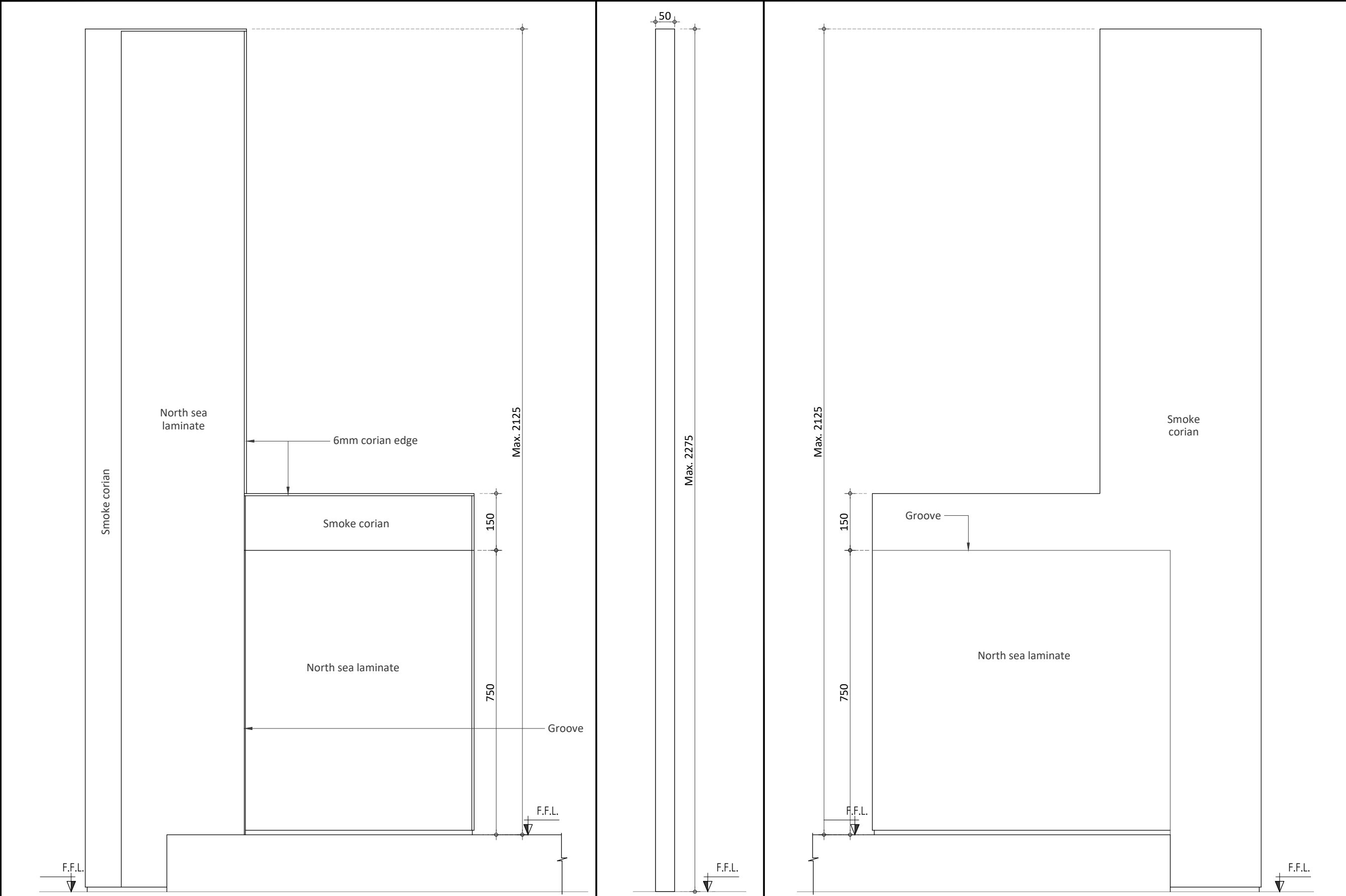


PLAN



SECTION - A

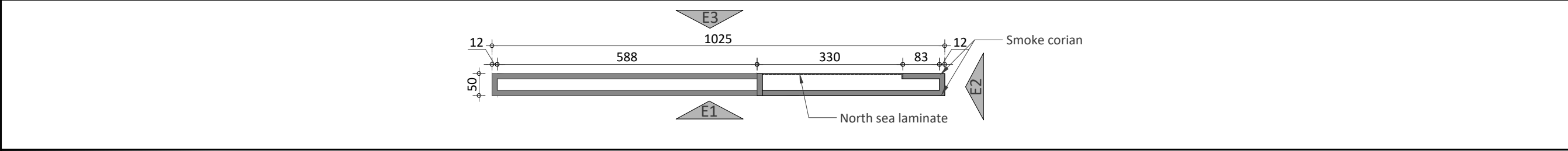
PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer:  ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI. TEL: 021-34988461-34988871, FAX:34988907			
HVAC AND PLUMBING CONSULTANTS			
 FAHIM, NANJI & DESOUZA Consulting Engineers HVAC, Plumbing & Mechanical 10, ILACO House, Abdullah Haroon Road, Karachi-74400 Pakistan Ph: (92-21) 563-7878-82 Fax: (92-21) 521-1634 Email: fahimnaji@cyber.net.pk			
NOTE:			
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* ALL DIMENSIONS ARE IN MILLIMETRE (mm)			
* ALL INTERNAL NON-VISIBLE CARCUS SHOULD BE IN LOCAL MATCHING LAMINATE			
* GRADE OF S.S. SHOULD BE 304			
01	ISSUE FOR Construction	24-3-25	
NO.	REVISION/ISSUE	DATE	
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.II			
TITLE			
TELLER COUNTER S.S. RING			
SCALE		DATE	
1 : 1		Mar '25	
DWG. NO.	ID-01.04	SHEET	REV.
		5 of 6	



ELEVATION - 3

ELEVATION - 2

ELEVATION - 1



PLAN

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



COLLABORATIVE
DESIGN

STRUCTURE CONSULTANT'S

Engineer:



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CONSULTANTS
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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

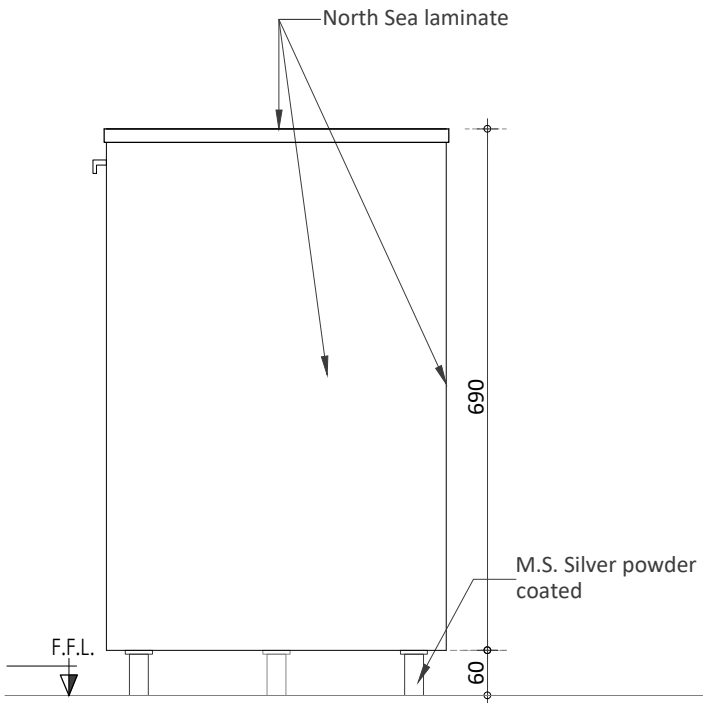
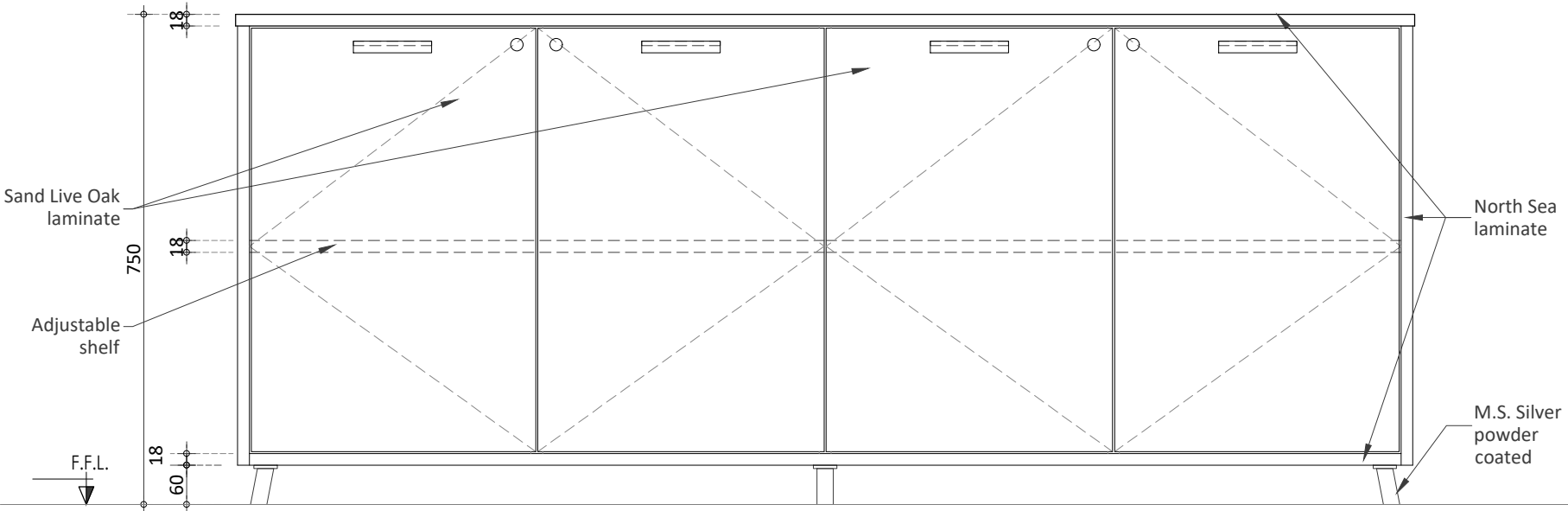
PLOT NO
69-C,National Highway, PH.II

TITLE

**TELLER COUNTER
END PANEL**

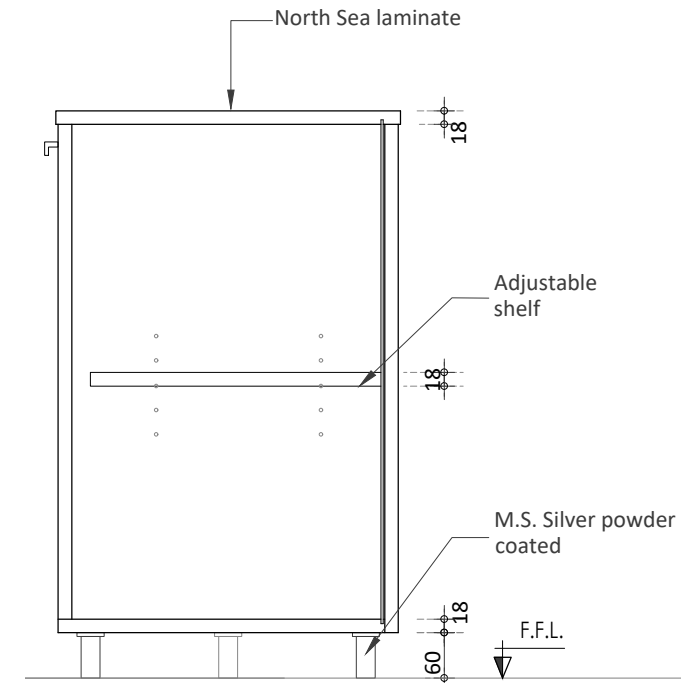
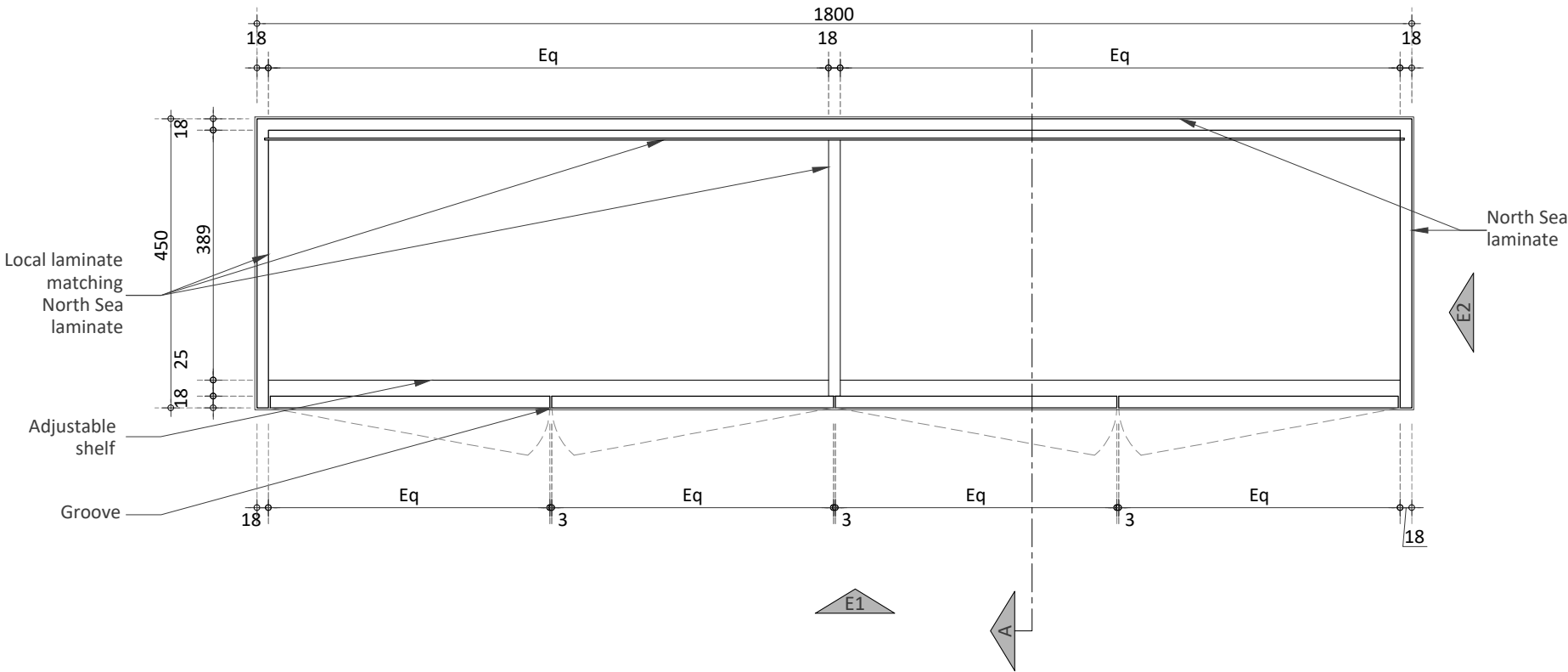
SCALE	DATE
1 : 10	Mar '25

DWG. NO.	ID-01.05	SHEET	REV.
		6 of 6	



ELEVATION - 1

ELEVATION - 2



PLAN

SECTION - A

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IGBAL, KARACHI.
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01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

CREDENZA
GENERIC

SCALE

1:10

DATE

Mar '25

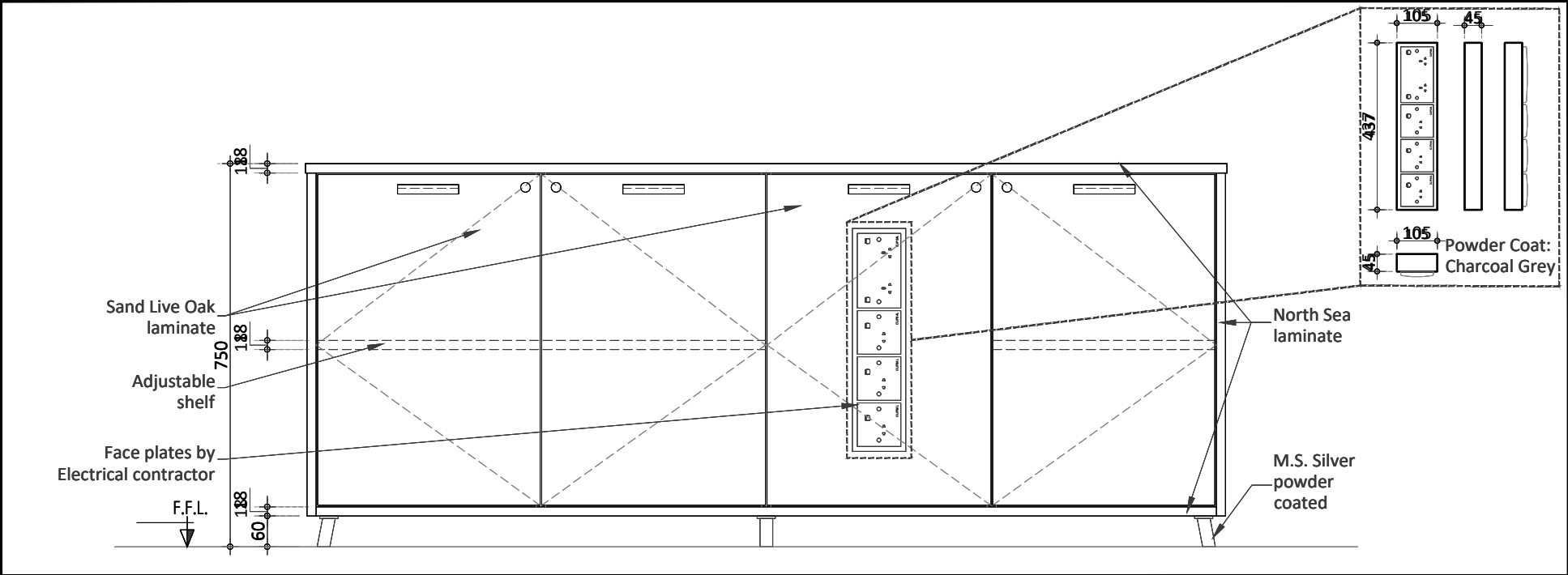
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ID-02.00

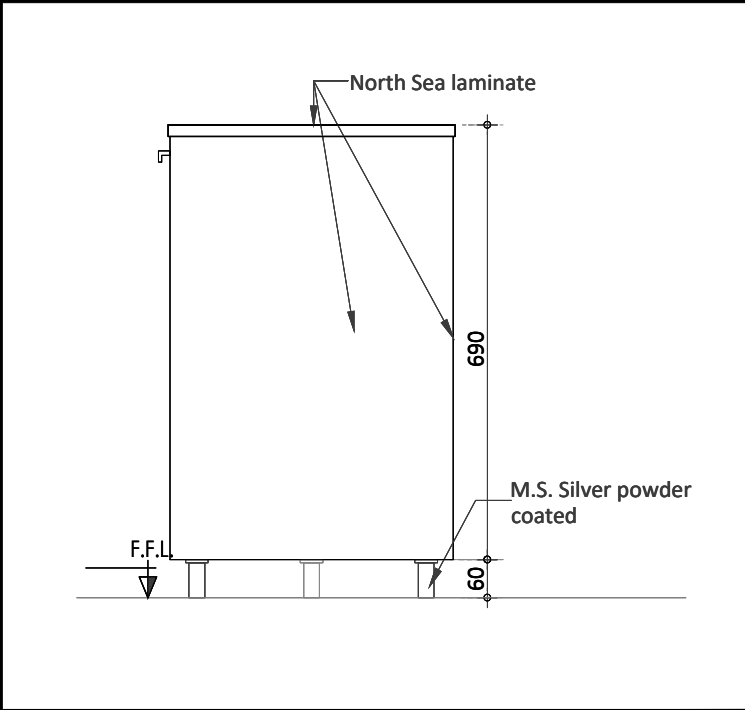
SHEET

REV.

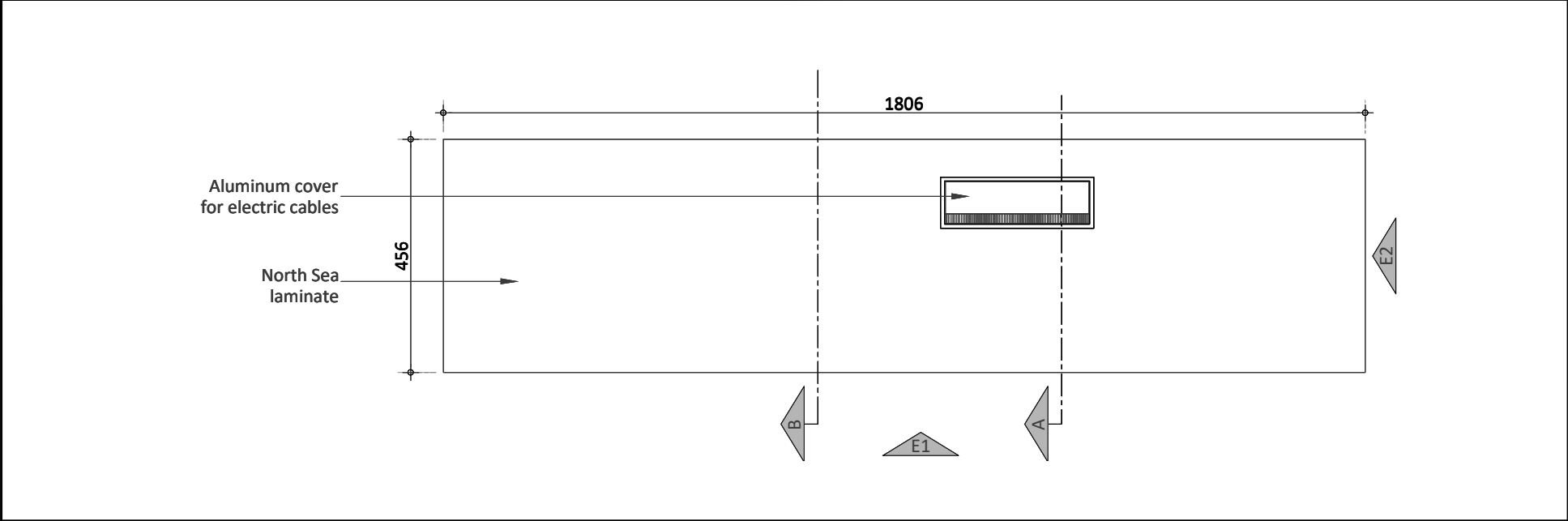
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of
2



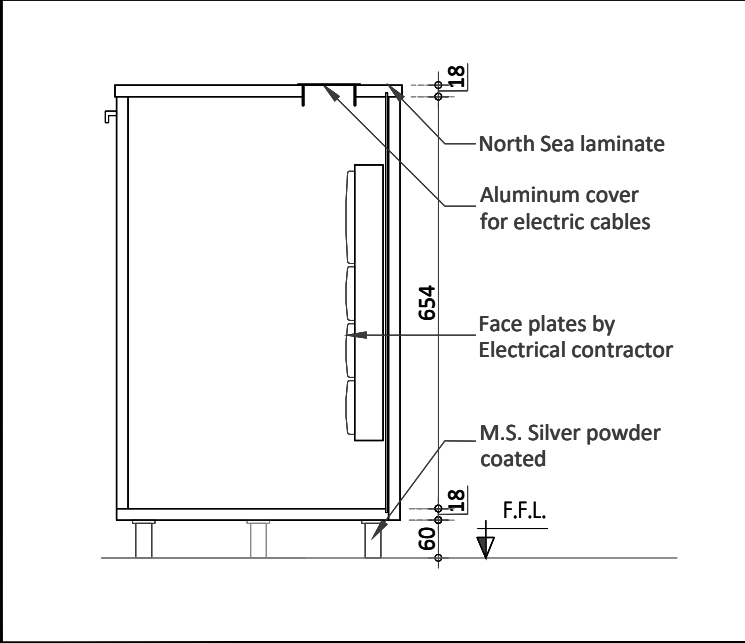
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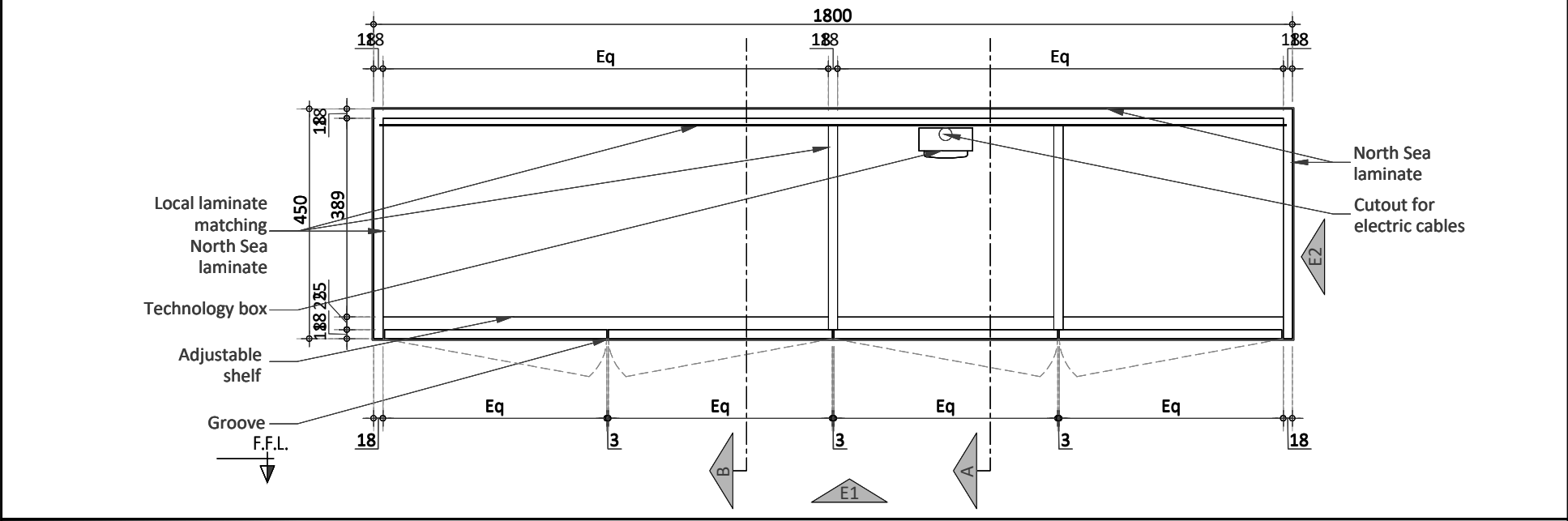
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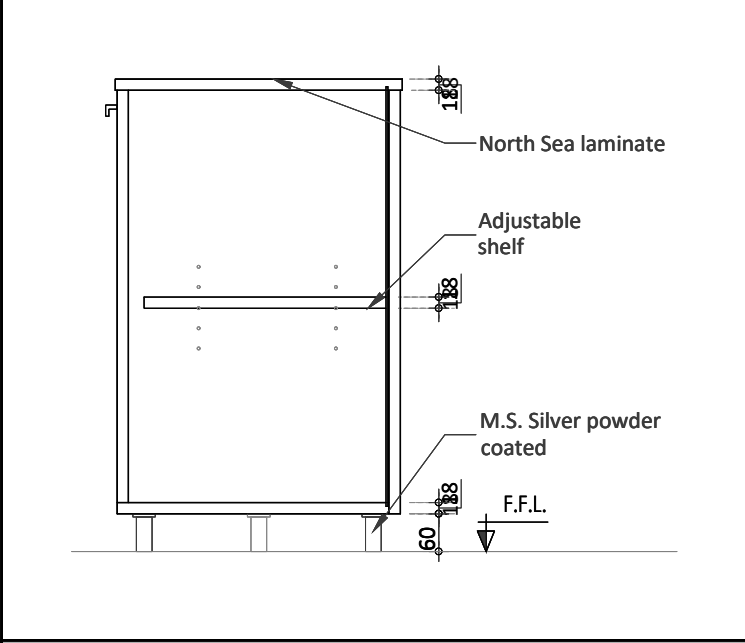
TOP VIEW



SECTION - A

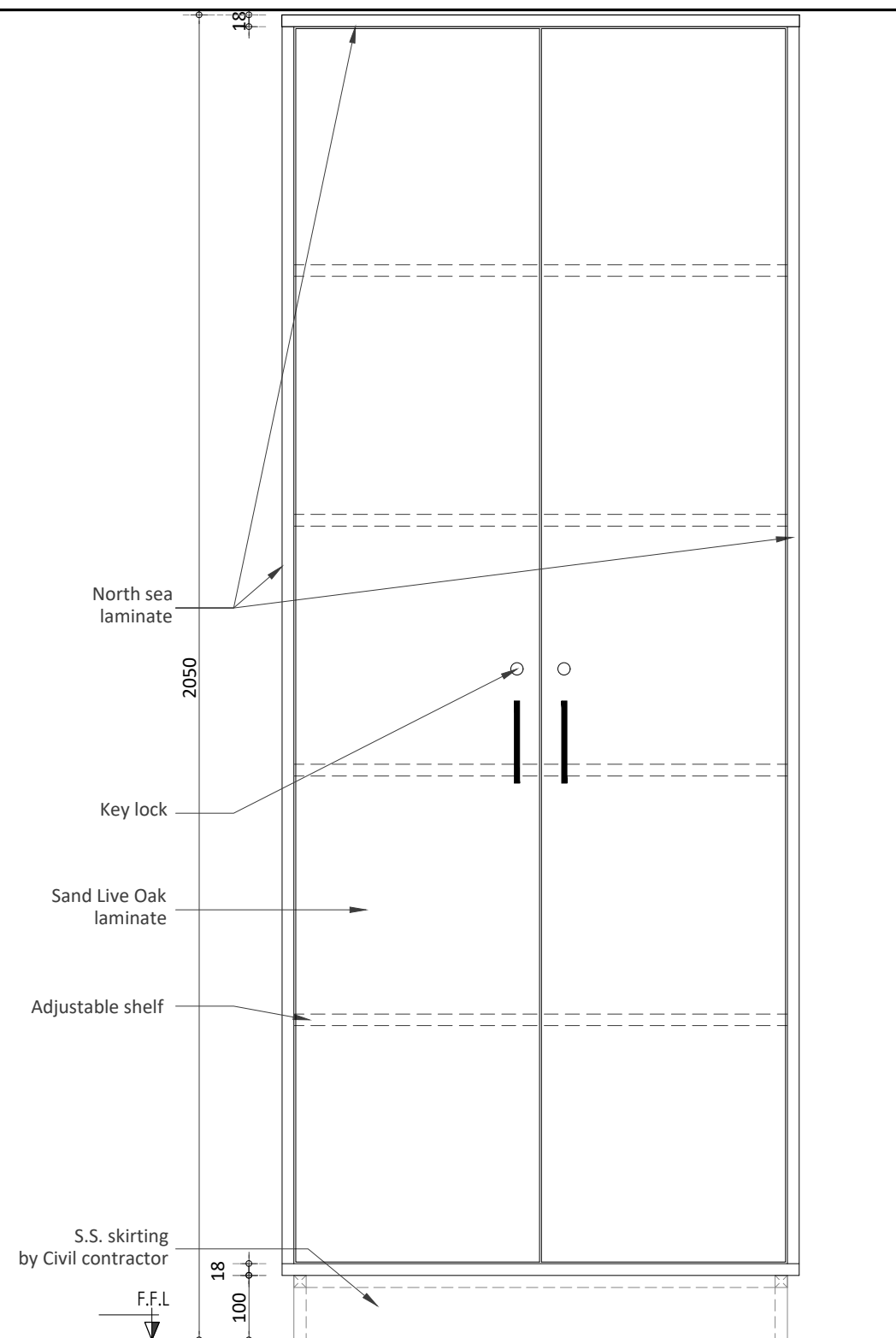


PLAN

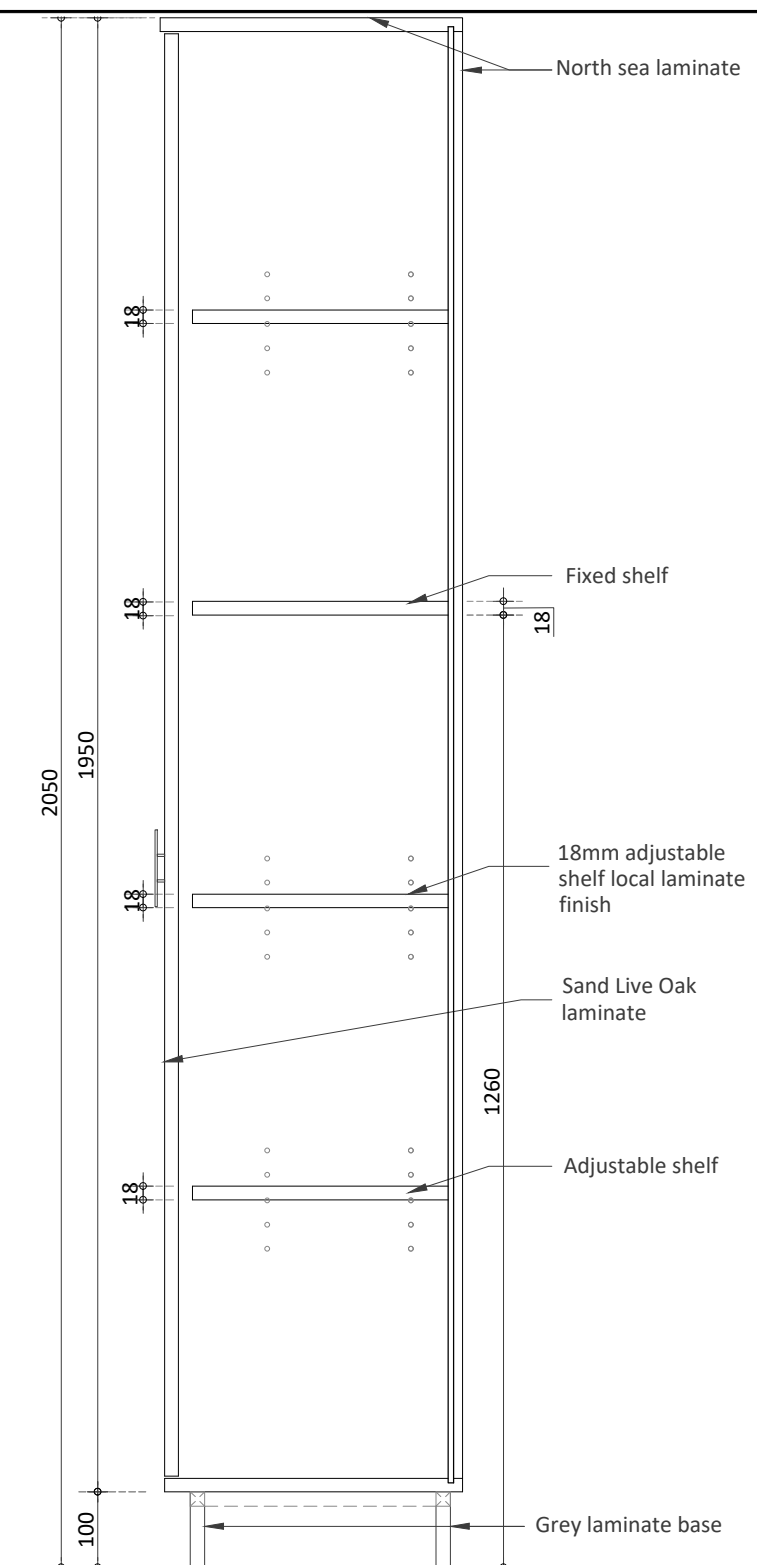


SECTION - B

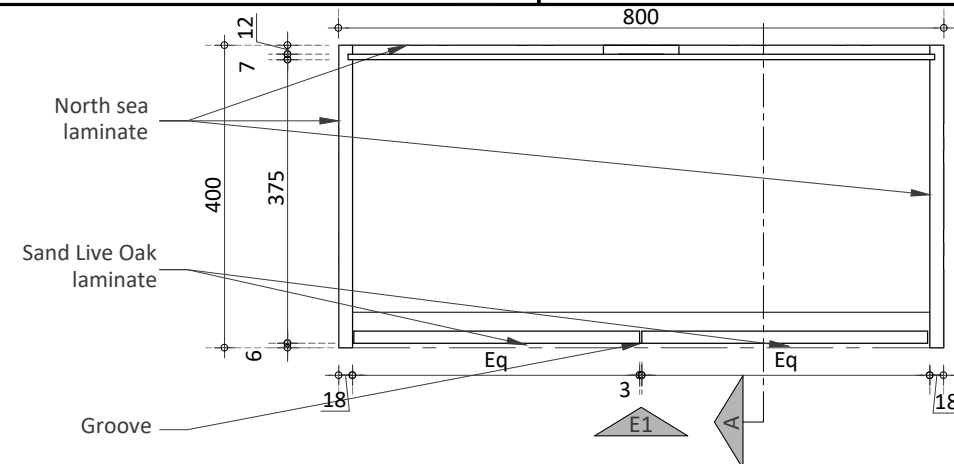
PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer:  ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IGBAL KARACHI. TEL: 021-34988461-34988871, FAX:34988907			
HVAC AND PLUMBING CONSULTANTS			
 FAHIM, NANJI & DESOUZA Consulting Engineers HVAC, Plumbing & Mechanical 10, ILACO House, Abdullah Haroon Road, Karachi-74400 Pakistan Ph: (92-21) 563-7878-82 Fax: (92-21) 521-1634 Email: fahimnanji@cyber.net.pk			
NOTE:			
01	ISSUE FOR Construction	24-3-25	
NO.	REVISION/ISSUE	DATE	
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.II			
TITLE			
CREDENZA TELLERS			
SCALE		DATE	
1:12		Mar '25	
DWG. NO.	ID-02.01	SHEET	REV.
		2 of 2	



ELEVATION - 1



SECTION - A



PLAN

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer:

 **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

HVAC AND PLUMBING CONSULTANTS



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APPROVAL PRIOR TO
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01	ISSUE FOR Construction	24-3-25
<u>NO.</u>	<u>REVISION/ISSUE</u>	<u>DATE</u>

CLIENT

HABIB BANK LIMITED

Address **PLOT NO**
69-C, National Highway, PH.II

TITLE

FULL-HEIGHT CABINET

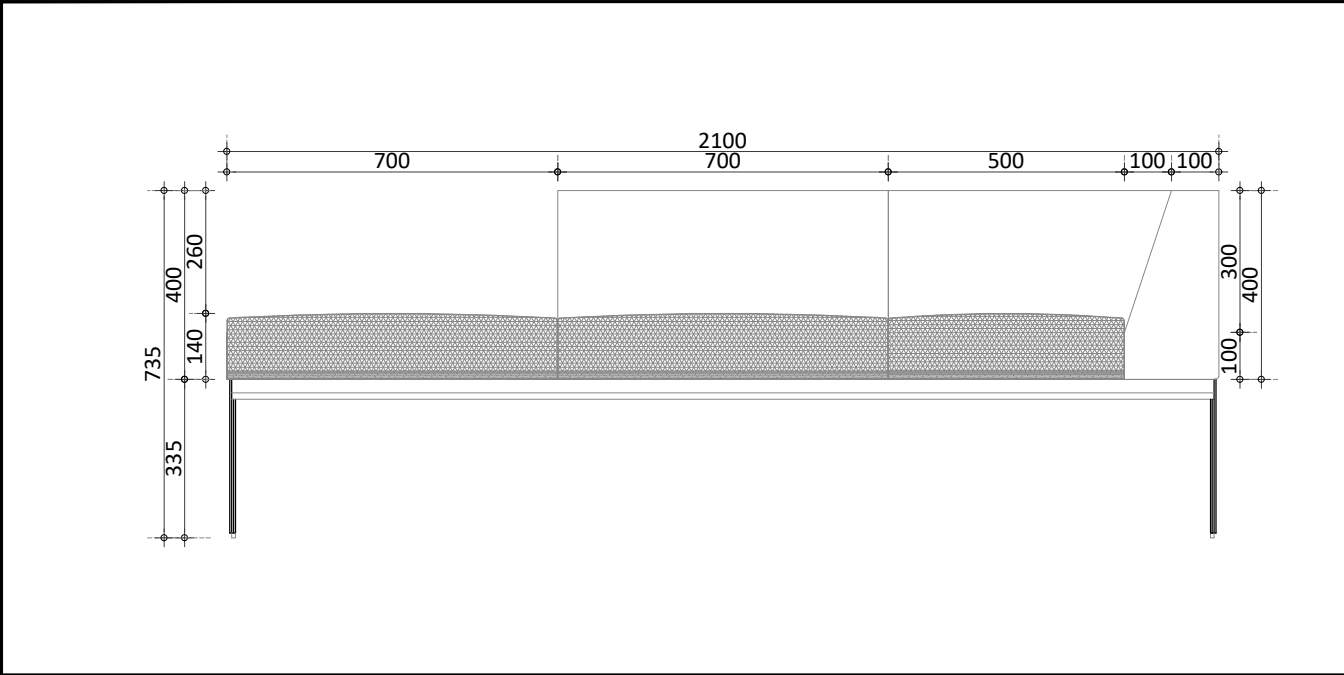
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DATE _____

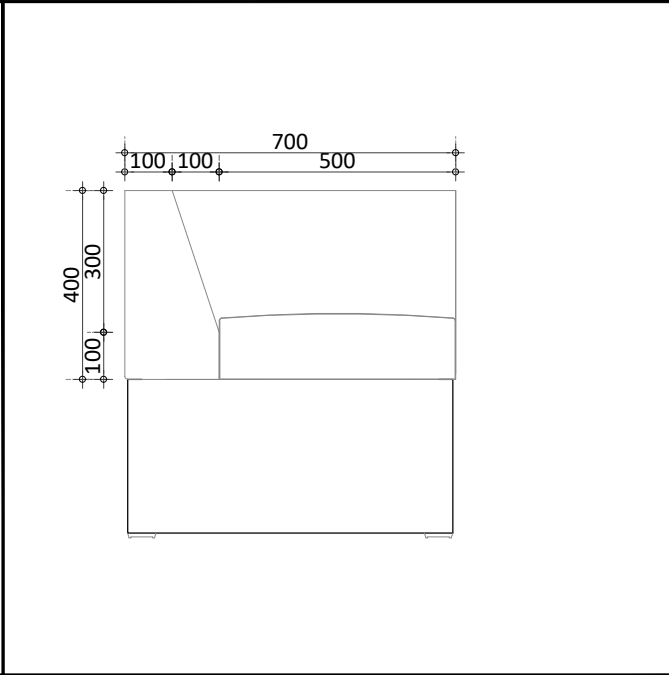
Mar '25

DWG. NO.	ID-03.00	SHEET	REV.
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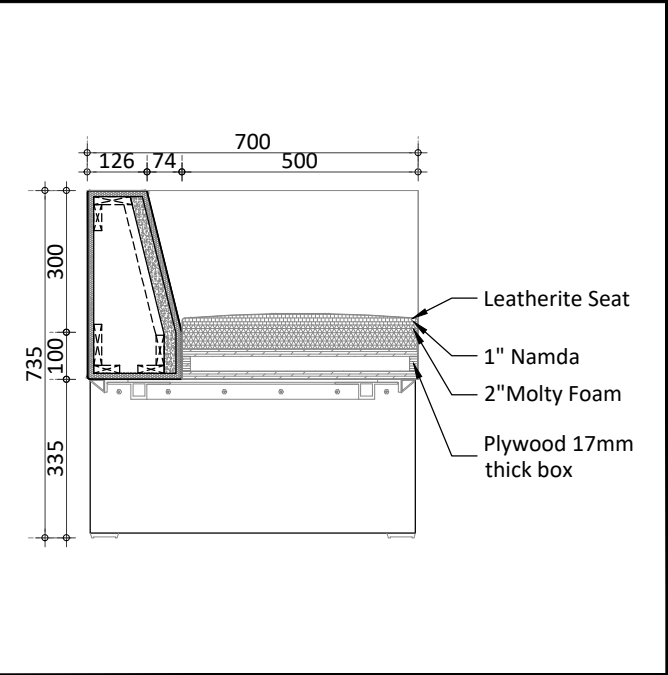
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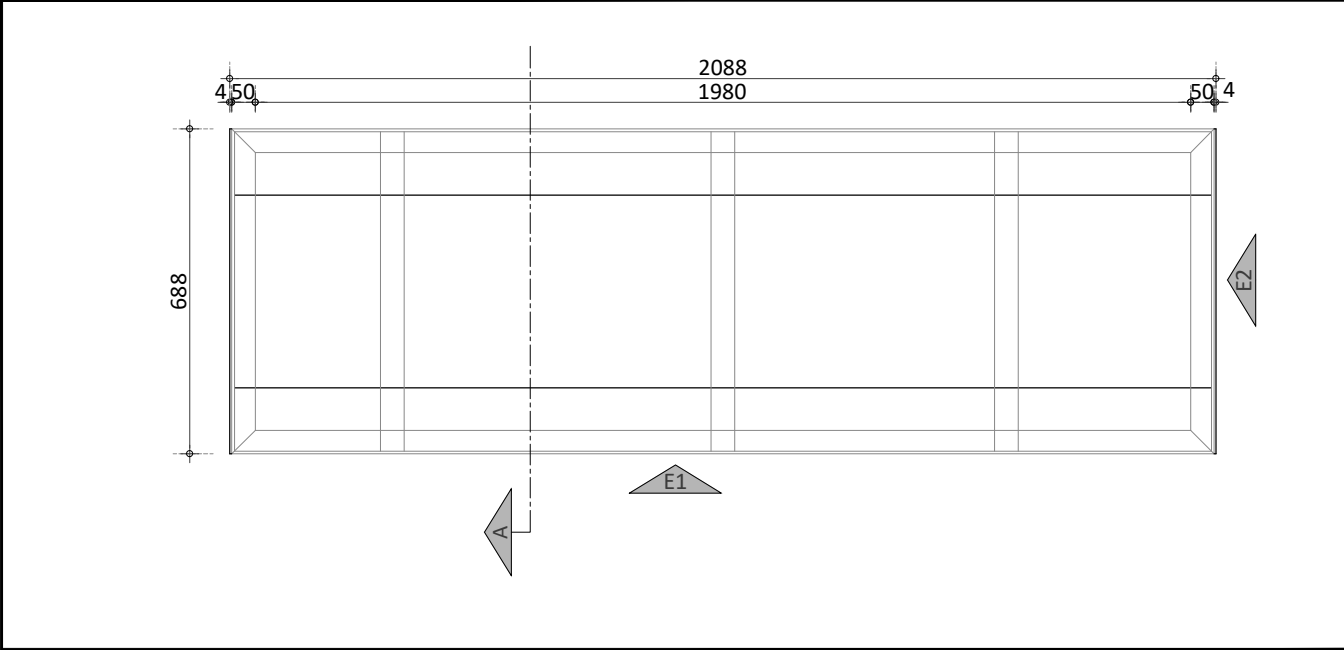
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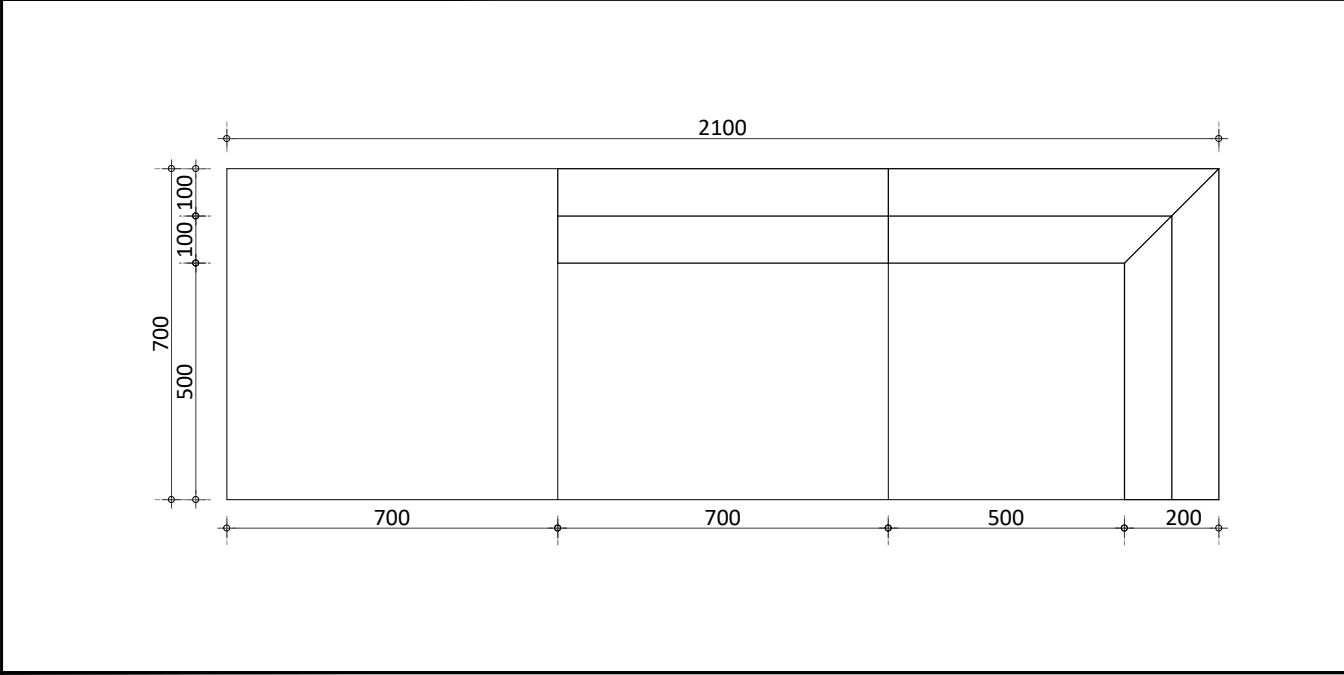
SECTION-A

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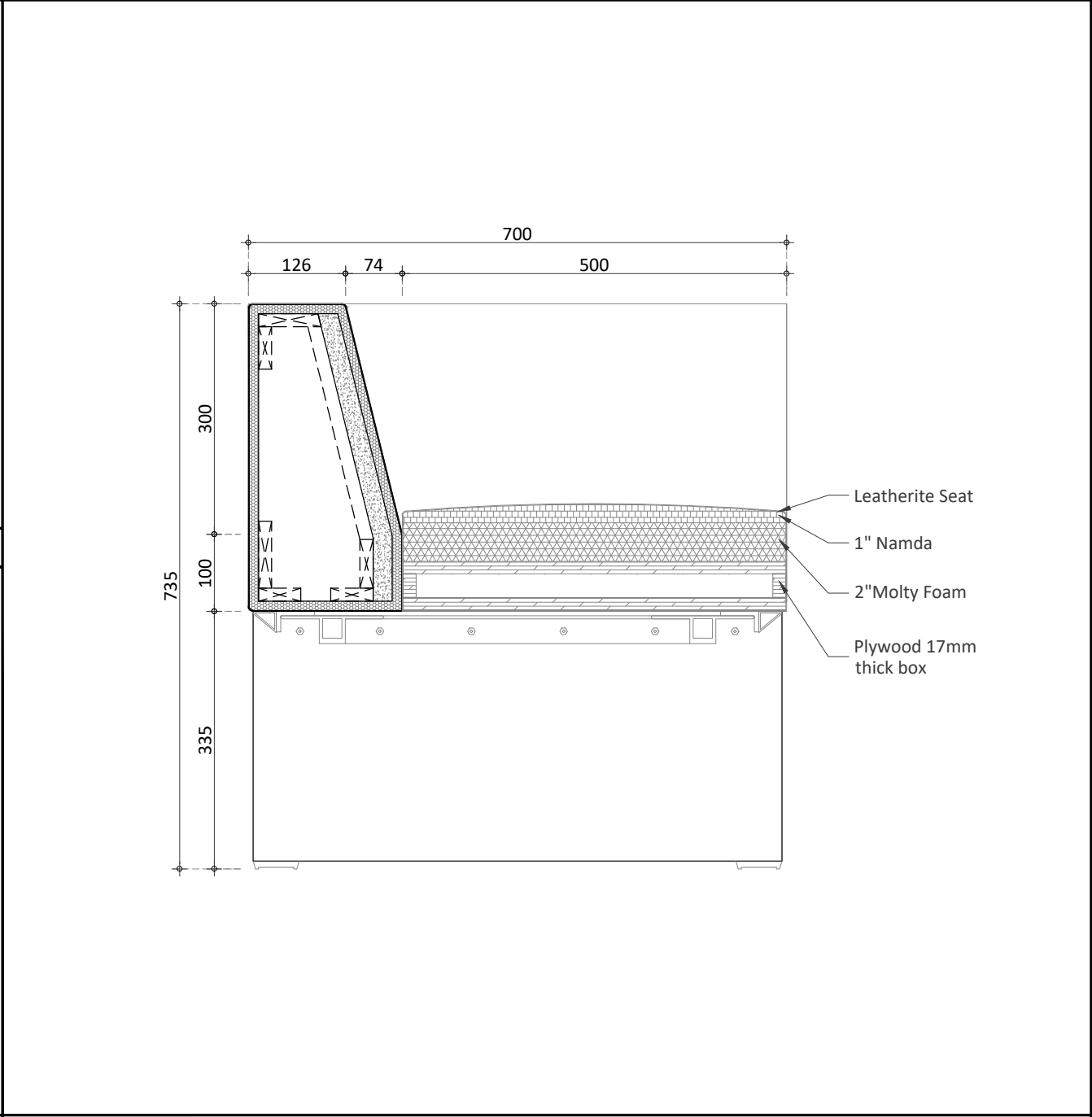
PLAN

SCALE: 1:16



TOP VIEW

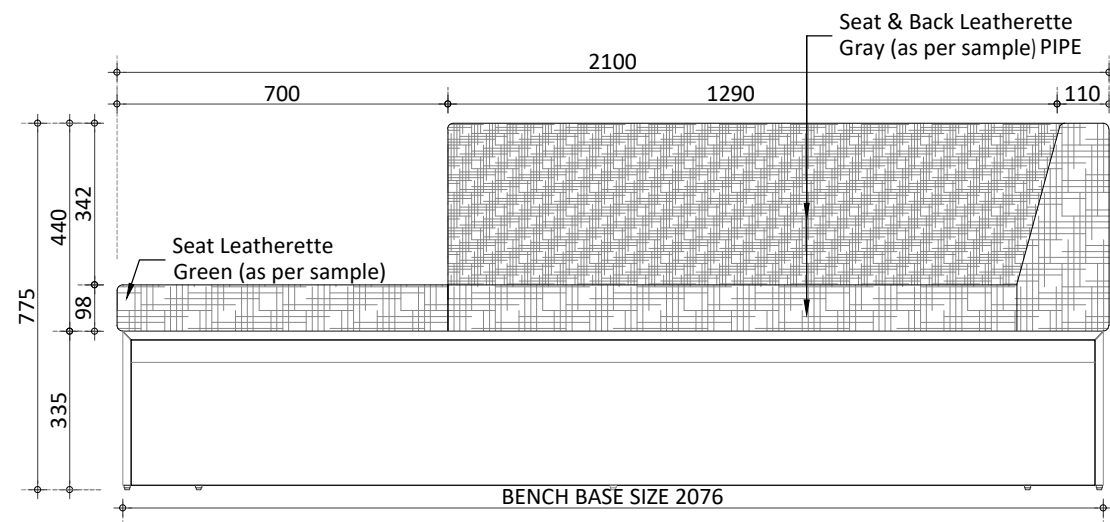
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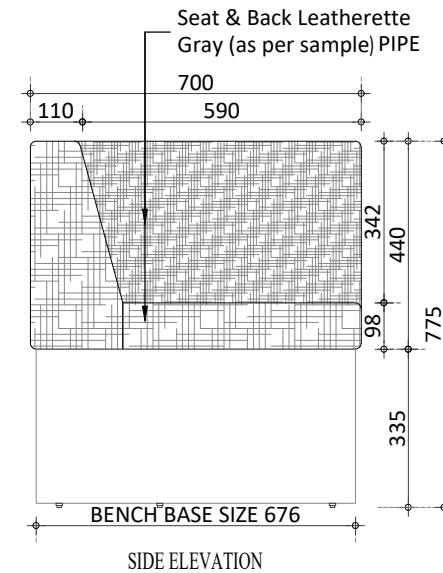
SECTION

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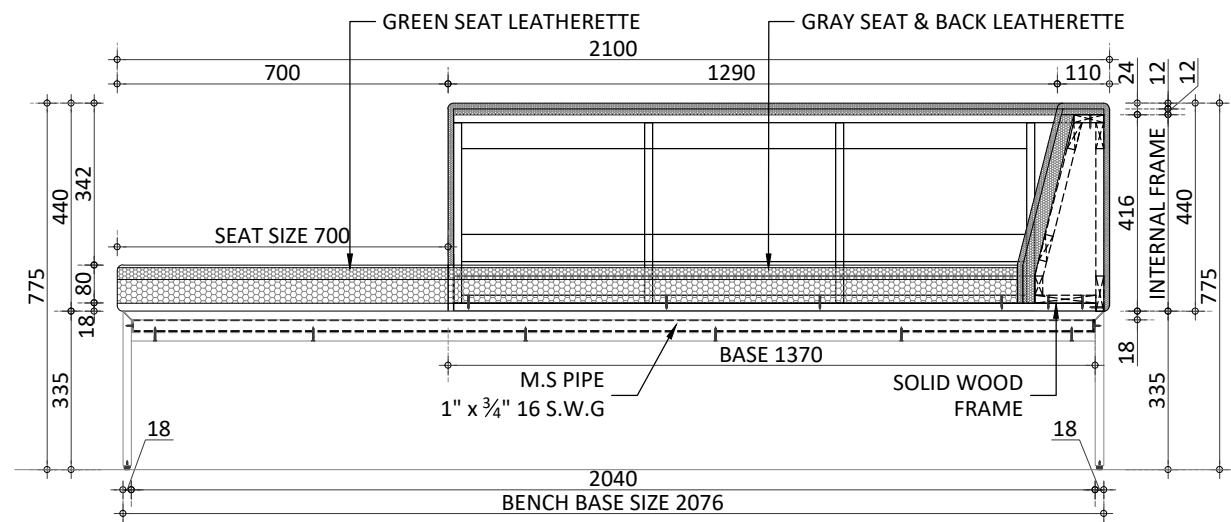
PROJECT			
HBL 69-C,National Highway, PH.II			
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS			
			
STRUCTURE CONSULTANT'S			
Engineer:  ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IGBAL, KARACHI. TEL: 021-34988461-34988871, FAX:34988907			
HVAC AND PLUMBING CONSULTANTS			
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NOTE:			
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SPECIFICATIONS:			
BASE: ALUMINUM SHEETS & PROFILES (UNDER DEVELOPMENT)			
SEAT, BACK & ARM: PLY & SOFTWOOD STRUCTURE UPHOLSTERED WITH BEST QUALITY FOAM & LEATHERITE LEATHERITE RATE: UPTO RS. 950/- PER YARD LEATHERITE VENDOR: FANCY LEATHERITE			
01	ISSUE FOR Construction	24-3-25	
NO.	REVISION/ISSUE	DATE	
CLIENT			
HABIB BANK LIMITED			
Address			
PLOT NO 69-C,National Highway, PH.II			
TITLE			
3 SEATER BENCH			
SCALE		DATE	
AS SHOWN		Mar '25	
DWG. NO.	ID-04.00	SHEET	REV.
		1 of 2	



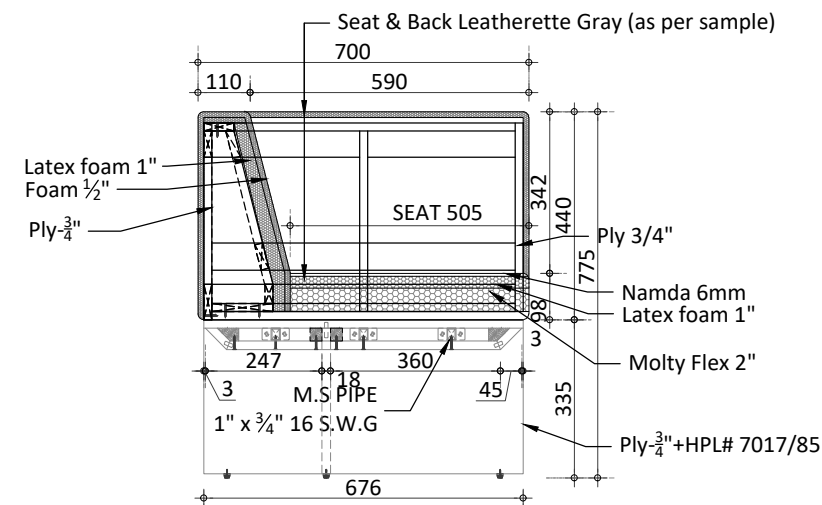
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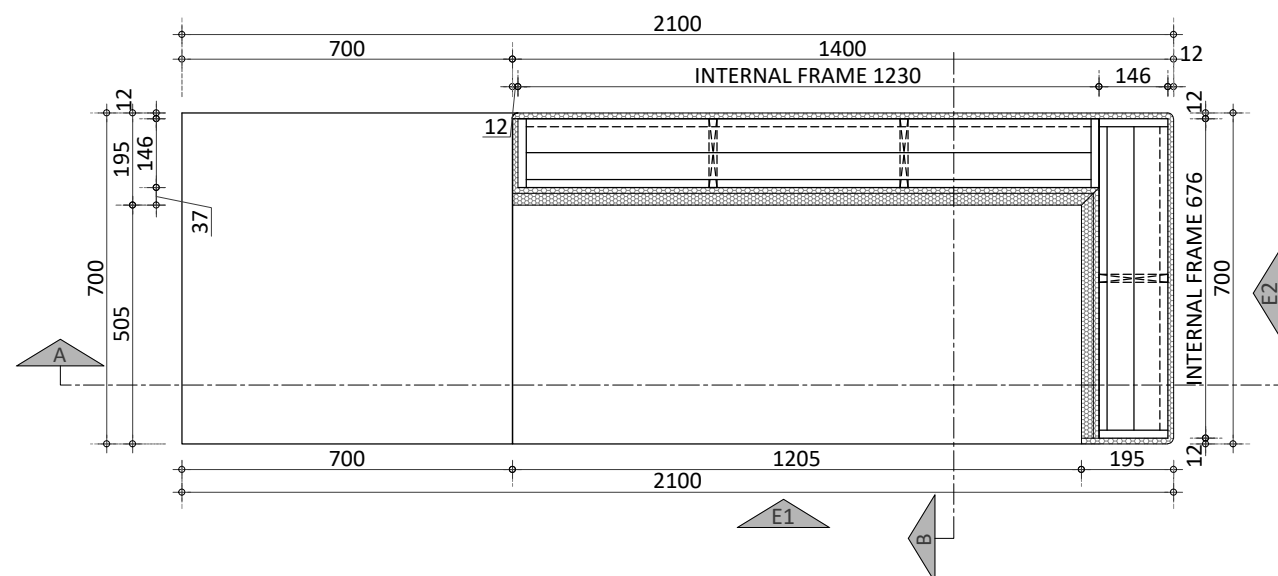
ELEVATION - 2



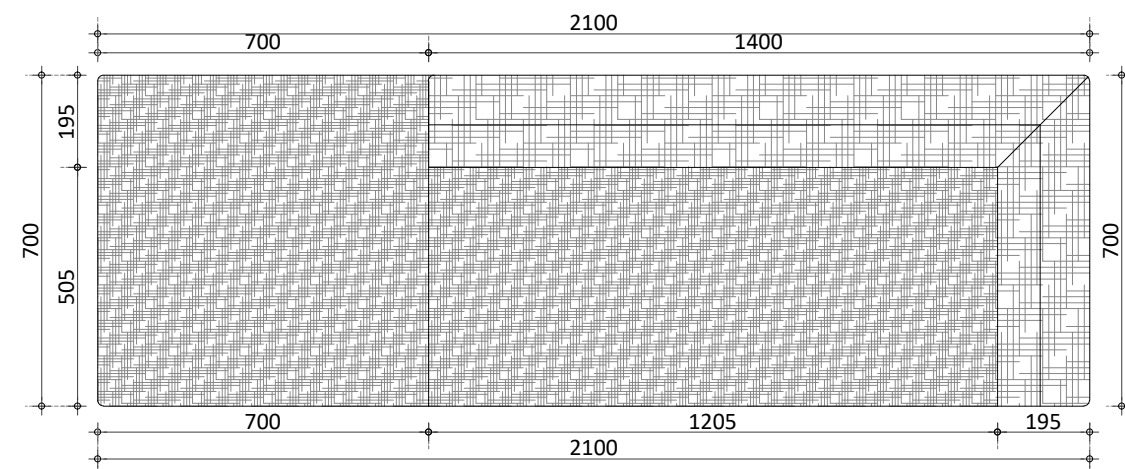
SECTION-A



SECTION-B



PLAN



TOP VIEW

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer:  **ARIF & ASSOCIATES**
CONSULTANTS
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01	ISSUE FOR Construction	24-3-25
<u>NO.</u>	<u>REVISION/ISSUE</u>	<u>DATE</u>

CLIENT

HABIB BANK LIMITED

Address

Address **PLOT NO**
69-C, National Highway, PH.II

TITLE

3 SEATER BENCH

SCALE

1:16

DATE _____

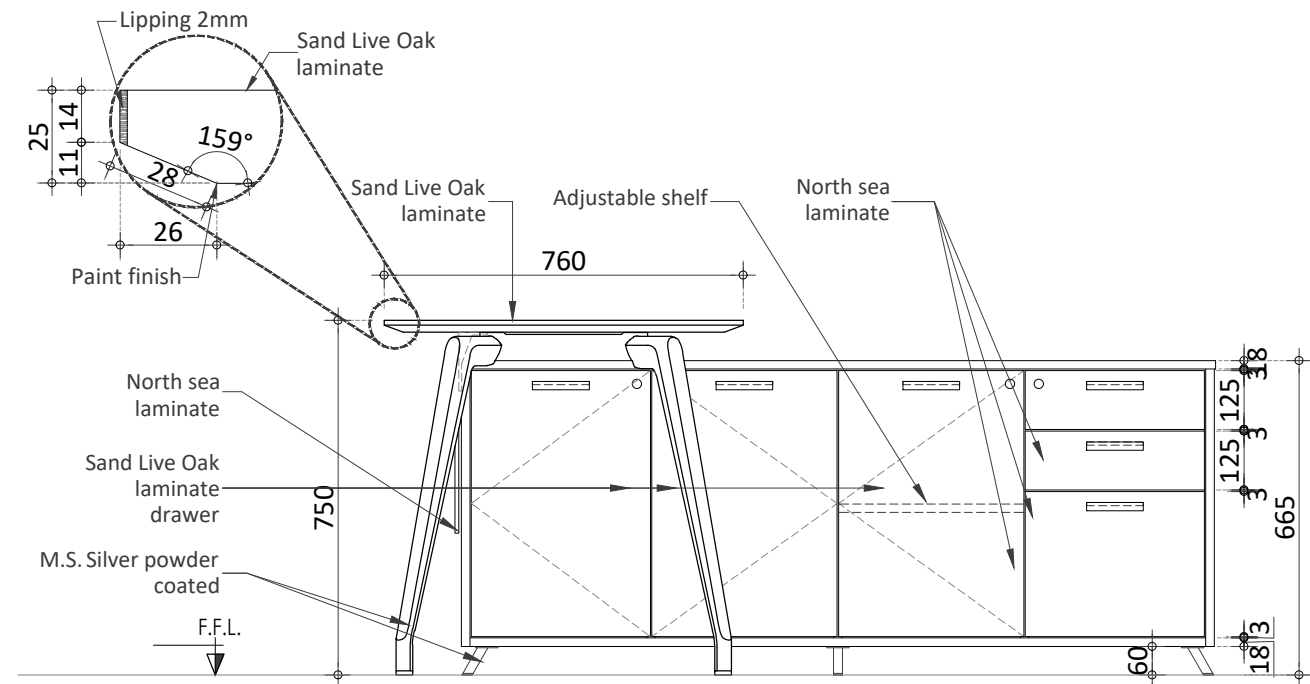
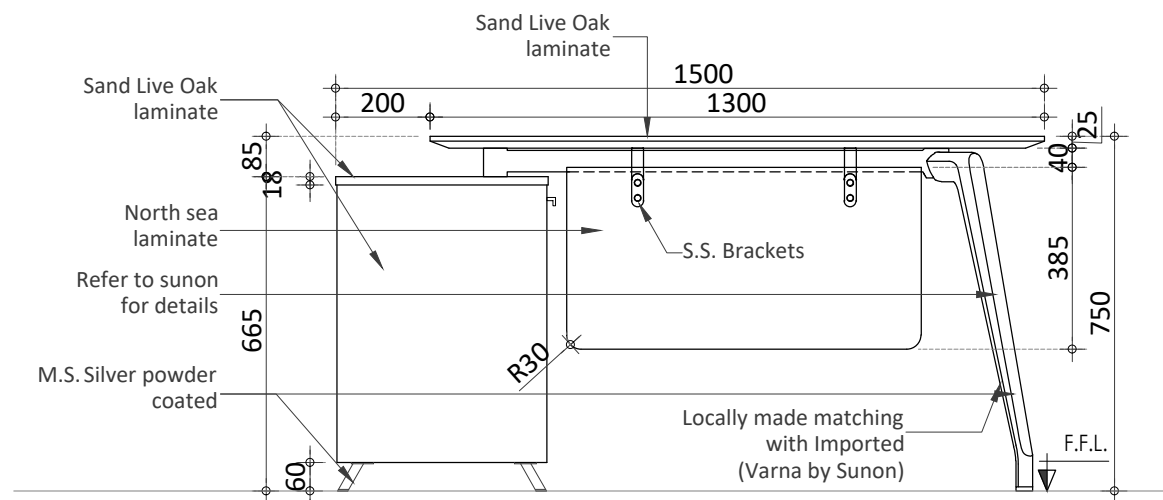
Mar '25

DWG. NO.

ID-04.00

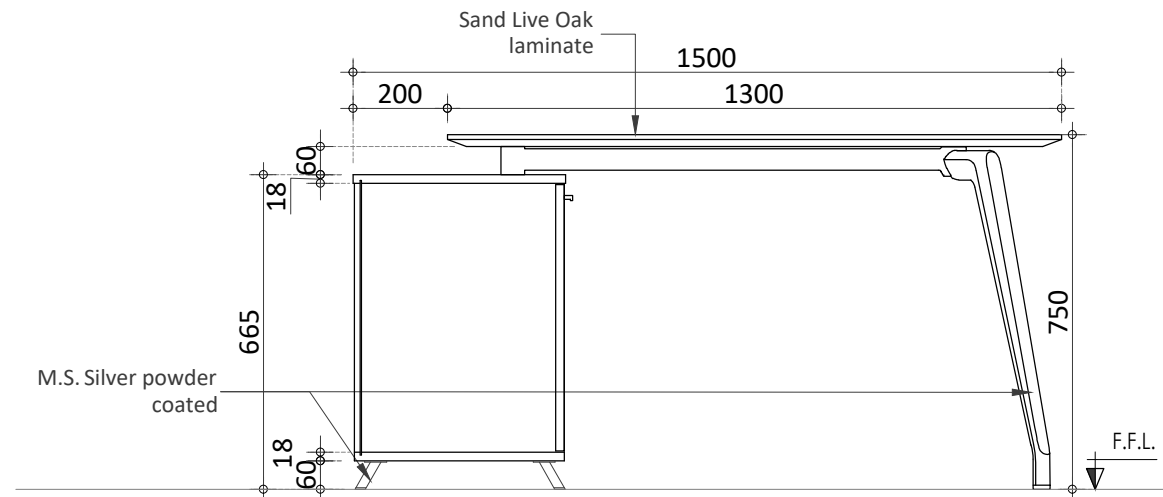
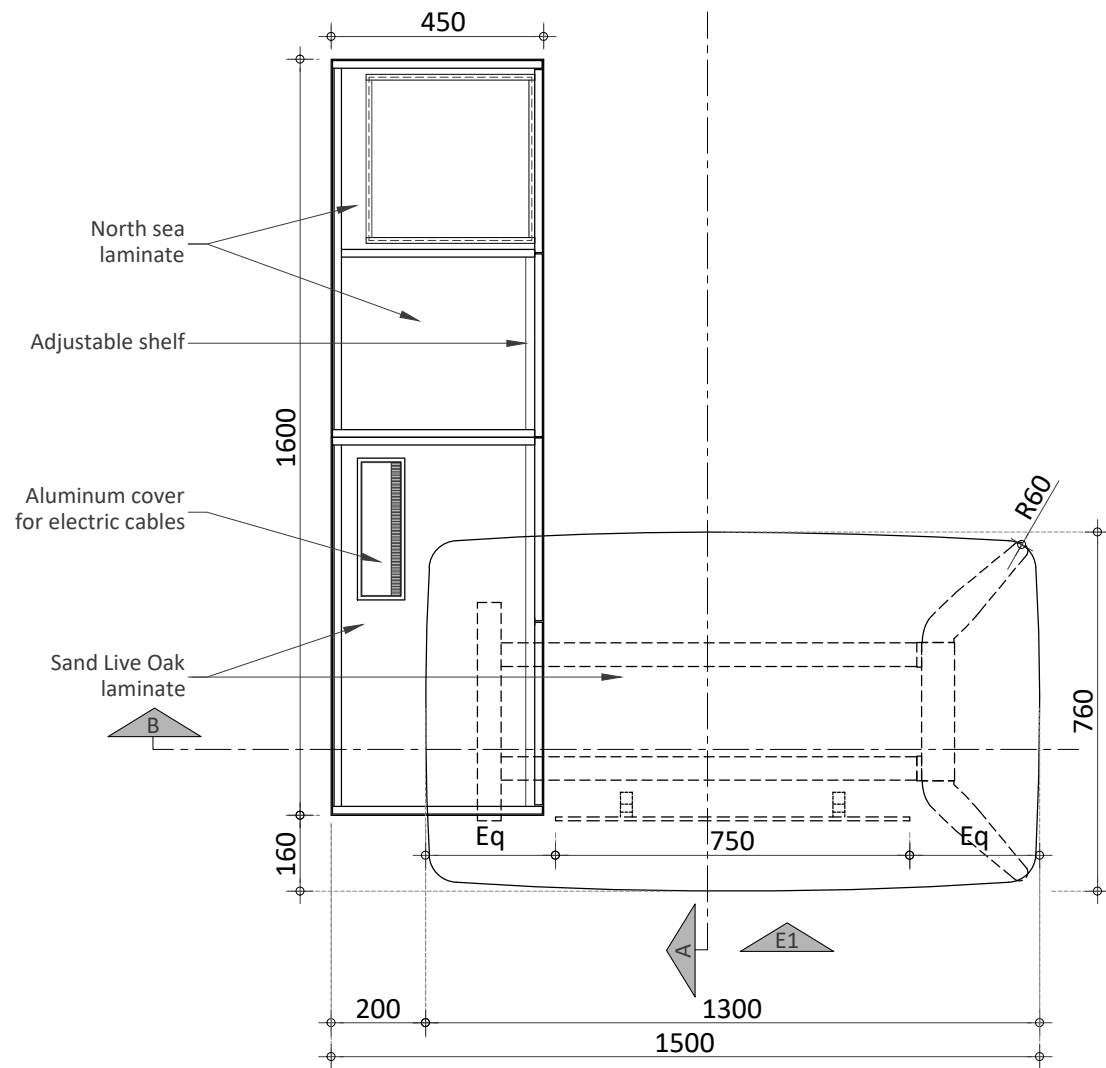
SHEET
2
of
2

REV.



ELEVATION - 1

SECTION - A



PLAN

SECTION - B

PROJECT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

STRUCTURE CONSULTANT'S

Engineer:

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APPROVAL PRIOR TO
MANUFACTURE

* ALL DIMENSIONS ARE IN
MILLIMETRE (mm)

* ALL INTERNAL NON-VISIBLE
CARCUS SHOULD BE IN LOCAL
MATCHING LAMINATE

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

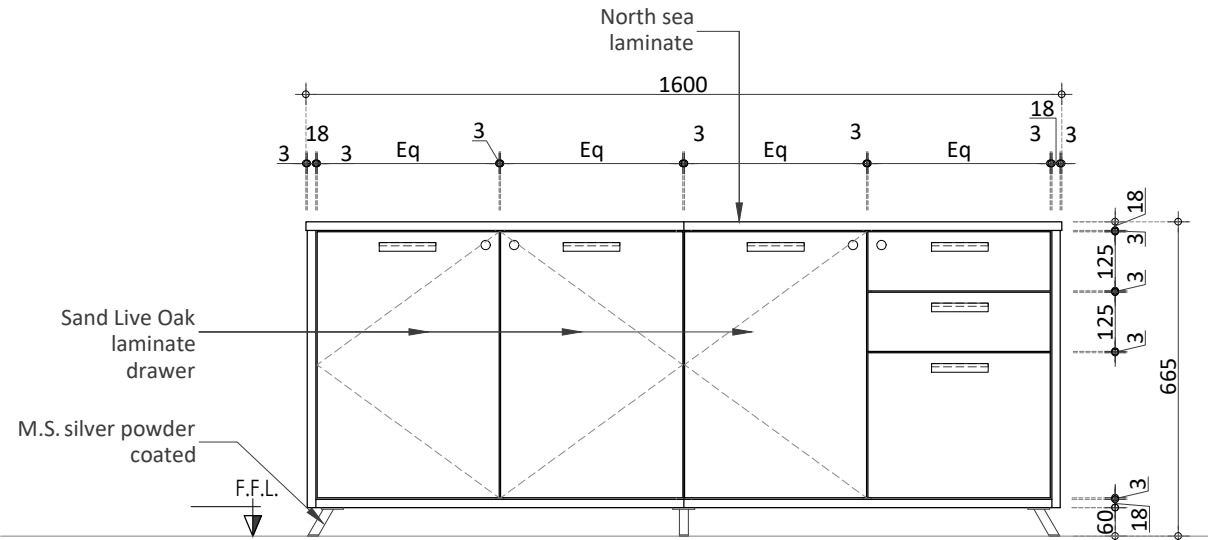
PLOT NO
69-C,National Highway, PH.II

TITLE

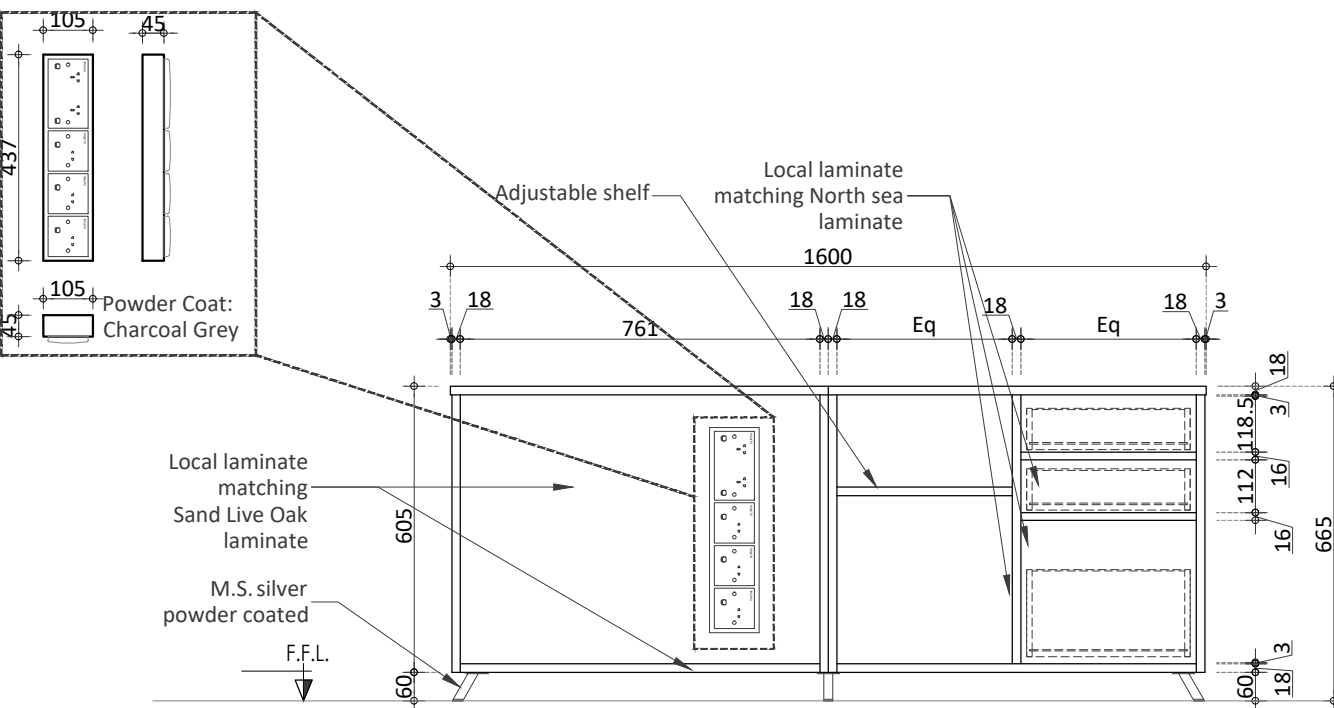
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1.5MM WIDE

SCALE	DATE
1:16	Mar '25

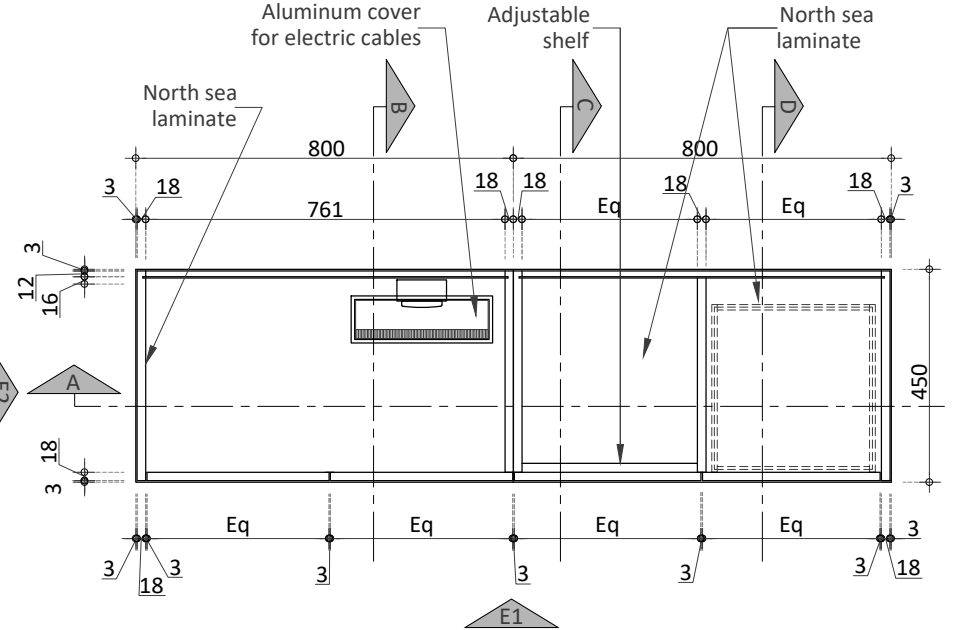
DWG. NO.	ID-05.00	SHEET 1 of 2	REV.
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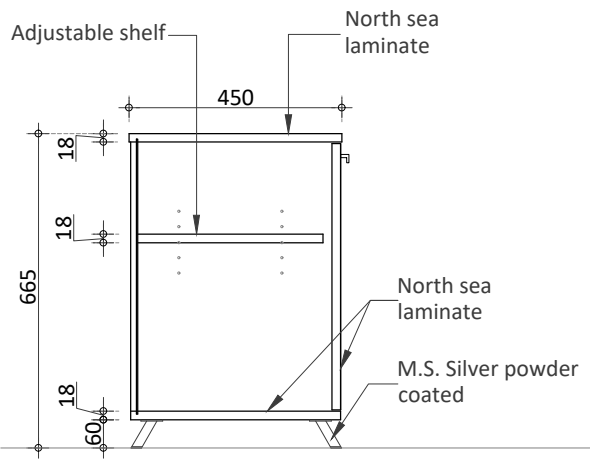
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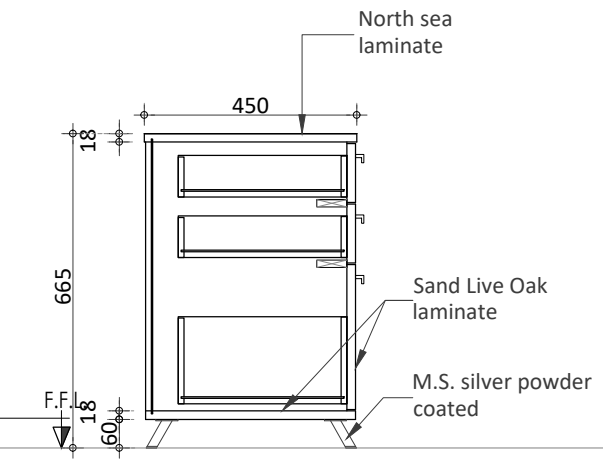
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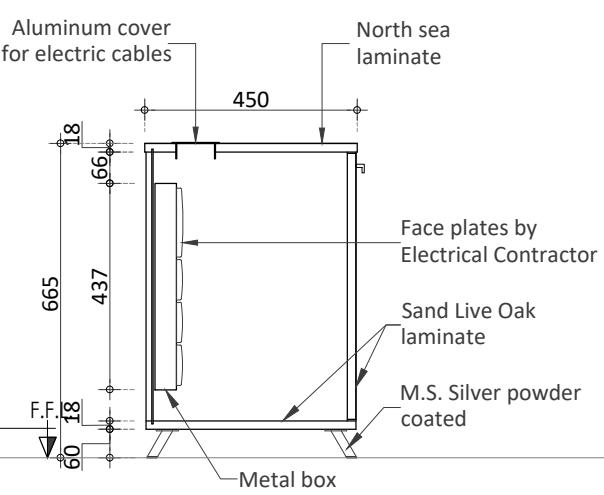
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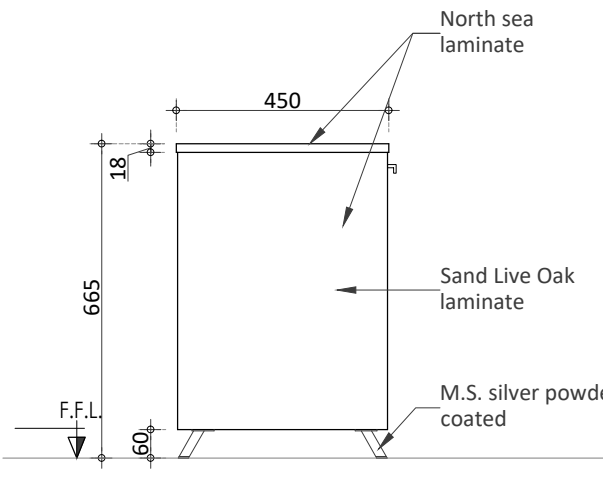
SECTION - C



SECTION - D



SECTION - B



ELEVATION - 2

PROJECT

**HBL
69-C,National
Highway, PH.II**

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS

**COLLABORATIVE
DESIGN**

STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IGBAL, KARACHI.
TEL: 021-34988461-34988071, FAX:34988907

HVAC AND PLUMBING CONSULTANTS

FAHIM, NANJI & DESOUZA
Consulting Engineers
HVAC, Plumbing & Mechanical
10, ILACO House, Abdullah Haroon Road, Karachi-74400
Pakistan
Ph: (92-21) 563-7878-82
Fax: (92-21) 521-1634
Email: fahimnaji@cyber.net.pk

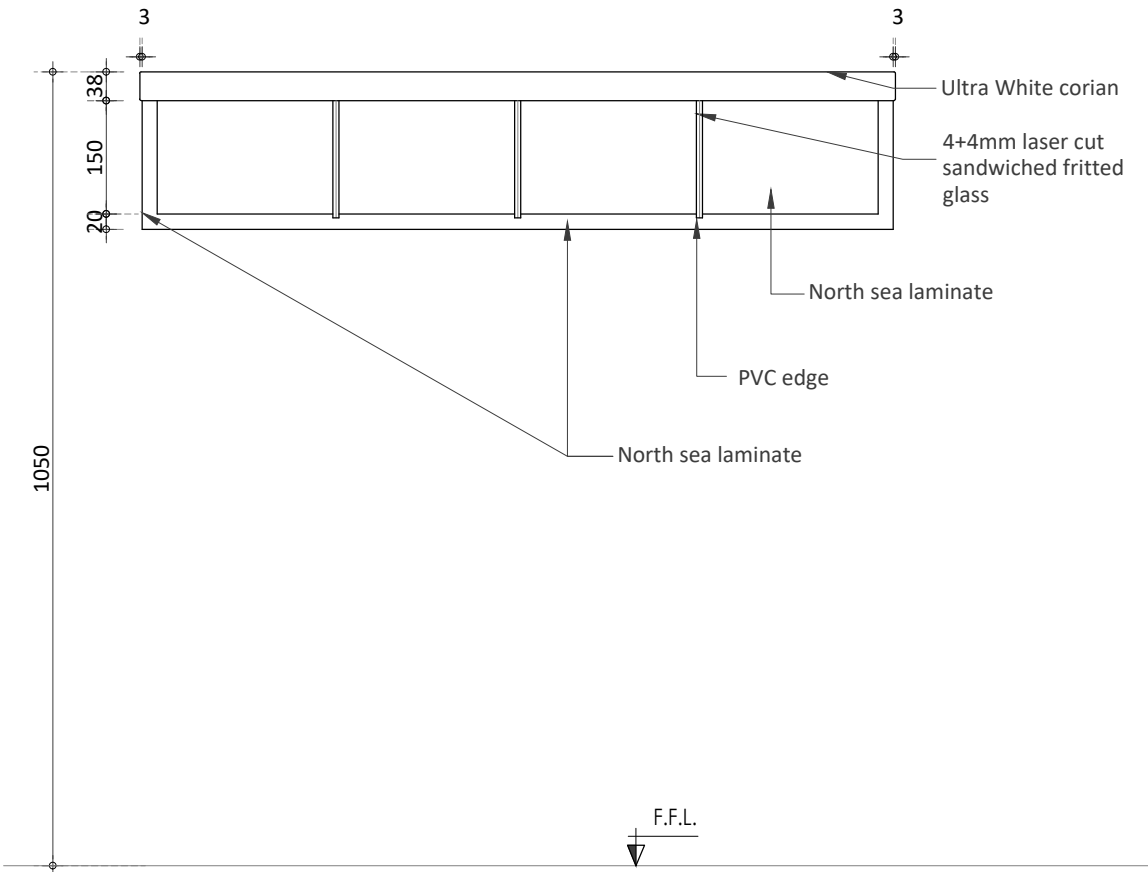
NOTE:

* MANUFACTURER TO PRODUCE CONSTRUCTION DRAWINGS FOR APPROVAL PRIOR TO MANUFACTURE

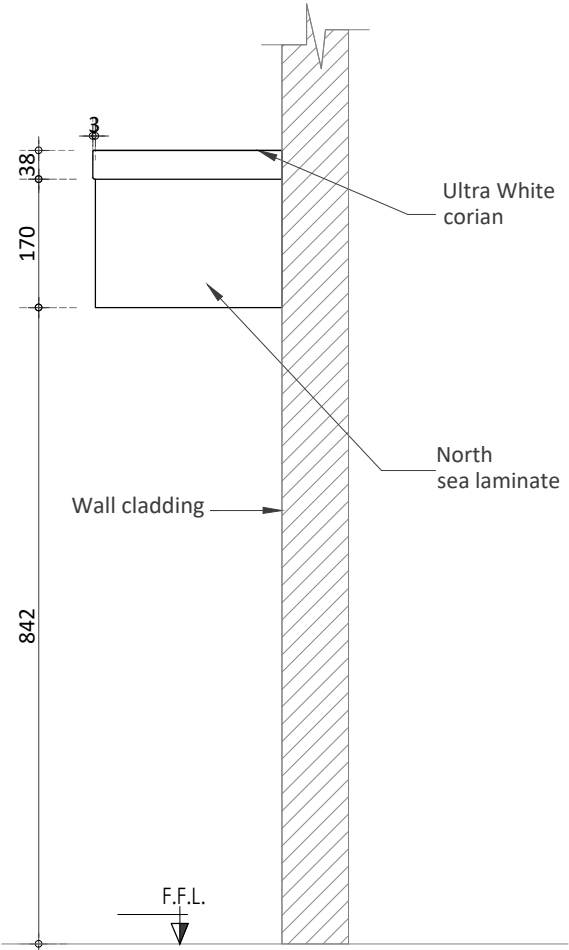
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* ALL INTERNAL NON-VISIBLE CARCUS SHOULD BE IN LOCAL MATCHING LAMINATE

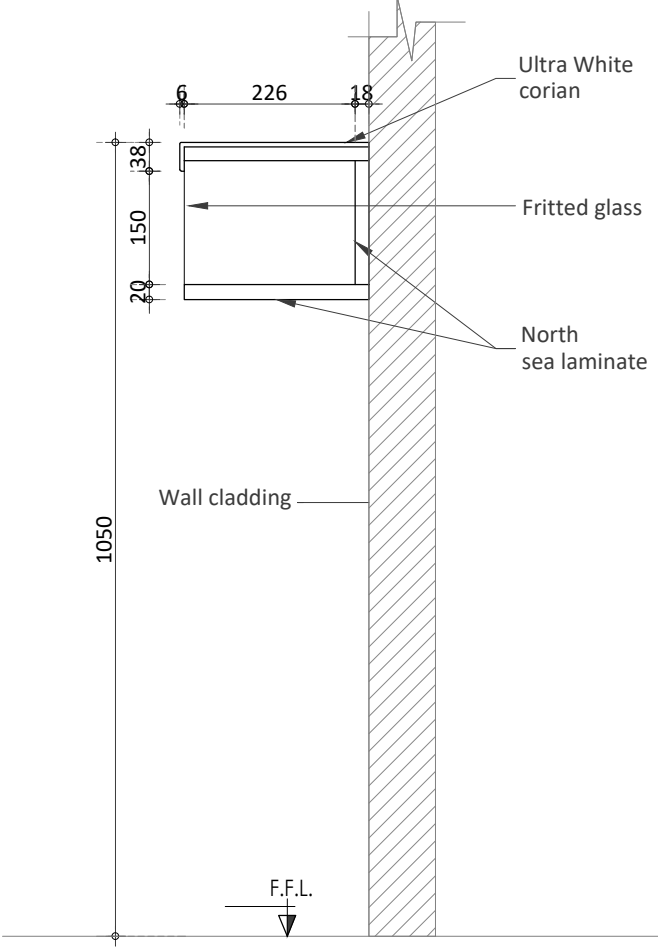
01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE
CLIENT		
HABIB BANK LIMITED		
Address		
PLOT NO 69-C,National Highway, PH.II		
TITLE		
MANAGER'S DESK SIDE RACK		
SCALE		DATE
1:16		Mar '25
DWG. NO.	ID-05.01	SHEET 2 of 2
		REV.



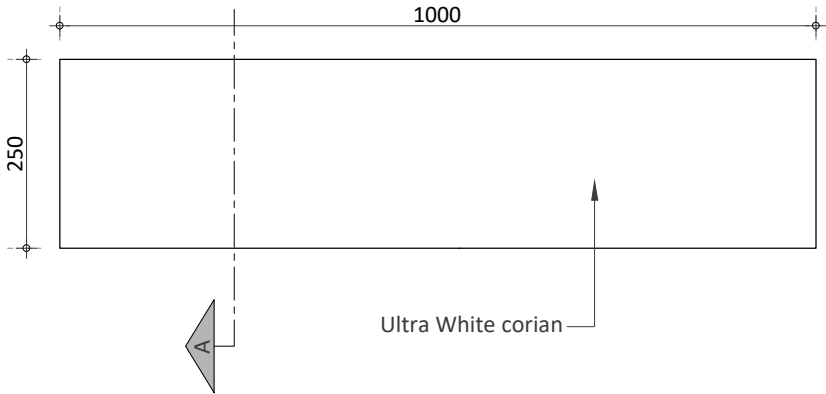
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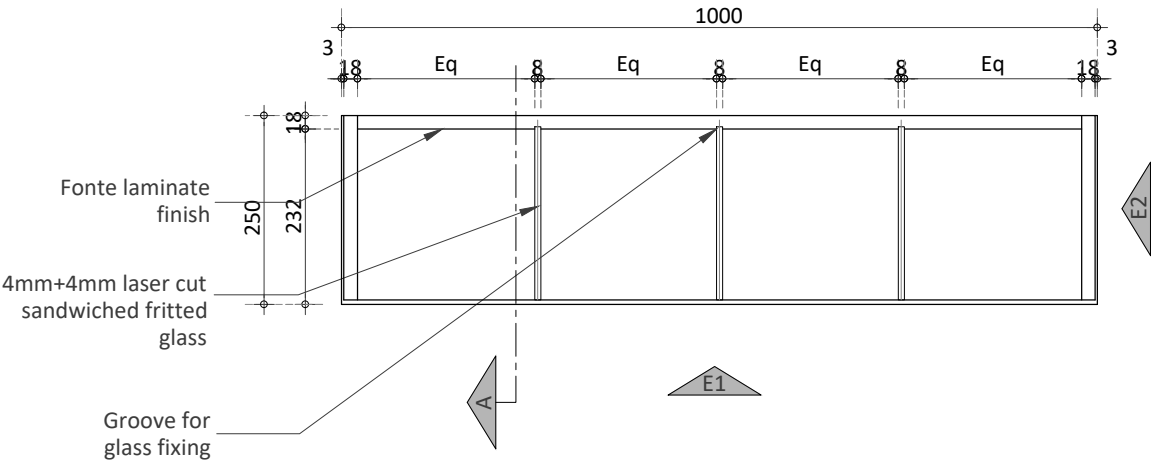
ELEVATION - 2



SECTION - A



TOP PLAN



PLAN

PROJECT

HBL
69-C,National Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



COLLABORATIVE
DESIGN

STRUCTURE CONSULTANT'S

Engineer:



ARIF & ASSOCIATES
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL, KARACHI.
TEL: 021-34988461-34988871, FAX:34988907

HVAC AND PLUMBING CONSULTANTS



FND

FAHIM, NANJI & DESOUZA

Consulting Engineers
HVAC, Plumbing & Mechanical
10, ILACO House, Abdullah Haroon Road, Karachi-74400
Pakistan
Ph: (92-21) 563-7878-82
Fax: (92-21) 521-1634
Email: fahimnanji@cyber.net.pk

NOTE:

* MANUFACTURER TO PRODUCE
CONSTRUCTION DRAWINGS FOR
APPROVAL PRIOR TO
MANUFACTURE

* ALL DIMENSIONS ARE IN
MILLIMETRE (mm)

* ALL INTERNAL NON-VISIBLE
CARCUS SHOULD BE IN LOCAL
MATCHING LAMINATE

01	ISSUE FOR Construction	24-3-25
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

Address

PLOT NO
69-C,National Highway, PH.II

TITLE

CHEQUE WRITING
DESK

SCALE	DATE
1:10	Mar '25

DWG. NO.	ID-06.00	SHEET	REV.
		1 of 4	

HBL, AT 69-C, National Highway, KARACHI (ELECTRICAL)

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



3rd Floor Marine Pride, Block -7, Khyaban-e-Iqbal, Clifton, Karachi-75600, Pakistan
Telephone: (92-21) 5878579 (92-21) 5878580, (92-21) 5870743 Facsimile: (92-21) 5878581
E-mail: cdesign@collaborativedesign.com.pk Website: www.collaborativedesign.com.pk

STRUCTURAL CONSULTANTS

Engineer:



ARIF & ASSOCIATES
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

H.V.A.C. AND PLUMBING CONSULTANTS

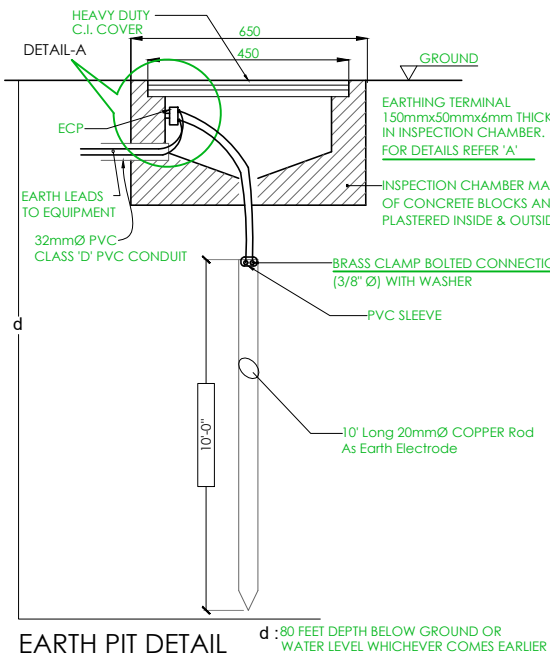
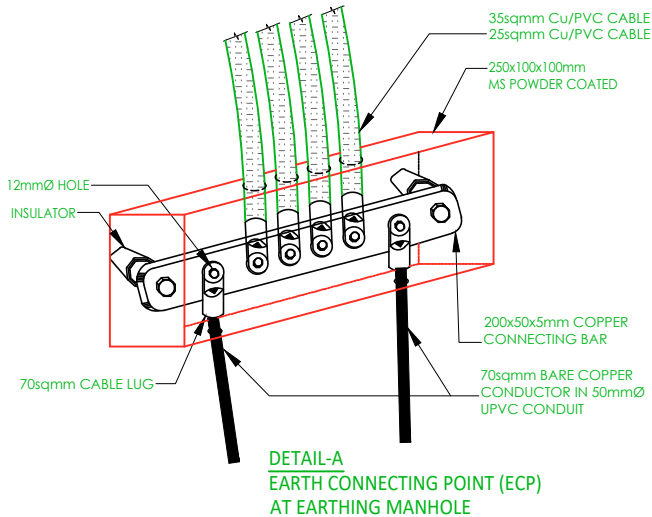
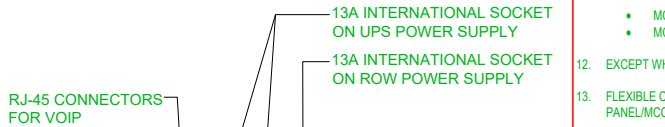
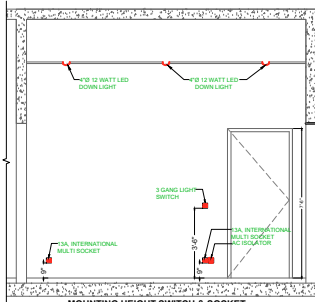
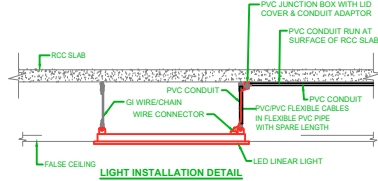


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LIST OF DRAWINGS			
S.NOS	DWG. NO.	DRAWING TITLE	SCALE
1	E-00a	LIST OF DRAWINGS, LEGEND, NOTES & MISC. DETAIL	N.T.S
2	E-00b	SINGLE LINE DIAGRAM AND LOAD SHEETS	N.T.S
3	E-01a	GENERAL AND EMERGENCY LIGHTING LAYOUT (GROUND & BASEMENT FLOOR)	1/8" = 1'-0"
4	E-01b	GENERAL AND EMERGENCY LIGHTING LAYOUT (FIRST & SECOND FLOOR)	1/8" = 1'-0"
5	E-01c	GENERAL AND EMERGENCY LIGHTING LAYOUT (THIRD & FOURTH FLOOR)	1/8" = 1'-0"
6	E-01d	GENERAL LIGHTING LAYOUT (ROOF)	1/8" = 1'-0"
7	E-02a	POWER & LOW VOLTAGE LAYOUT (GROUND & BASEMENT FLOOR)	1/8" = 1'-0"
8	E-02b	POWER & LOW VOLTAGE LAYOUT (FIRST & SECOND FLOOR)	1/8" = 1'-0"
9	E-02c	POWER & LOW VOLTAGE LAYOUT (THIRD & FOURTH FLOOR)	1/8" = 1'-0"
10	E-02d	POWER & LOW VOLTAGE LAYOUT (ROOF)	1/8" = 1'-0"
11	E-03a	SECURITY SYSTEM LAYOUT (GROUND & BASEMENT FLOOR)	1/8" = 1'-0"
12	E-03b	SECURITY SYSTEM LAYOUT (FIRST & SECOND FLOOR)	1/8" = 1'-0"
13	E-03c	SECURITY SYSTEM LAYOUT (THIRD & FOURTH FLOOR)	1/8" = 1'-0"

LEGEND

SYMBOL	DESCRIPTION	MOUNTING HEIGHT (ABOVE FFL TO BOTTOM OF DEVICE)
1g / 2g / 3g	10A 1/2/3 GANG LIGHT SWITCH	1050mm
○	75mmØ LED DOWN LIGHT WITH 7 WATT	FALSE CEILING
○	100mmØ LED DOWN LIGHT WITH 10 WATT	FALSE CEILING
○	150mmØ LED DOWN LIGHT WITH 12 WATT	FALSE CEILING
—	RECESSED LED LINEAR LIGHT HAVING 4000K COLOR	FALSE CEILING
- - -	ALUMINIUM PROFILE LIGHT	AS PER DRAWING
—	LUX LINE BATTEN LED LIGHT FIXTURE 32 WATT 4000K COLOR	FALSE CEILING
—	LINEAR TRACK LIGHT MOUNTED AT SURFACE HAVING 3 Nos. 30 WATT LED LAMP HAVING 3000K COLOR	AS PER DRAWING
—	20 WATT LED BEAM LASER LIGHT	AS PER DRAWING
—	SQUARE SHAPE LED CONCEALED DOWN LIGHT HAVING 7 WATT LAMP 3000K COLOR	CEILING
—	STEP LIGHT 3 WATT LED HAVING 3000K COLOR	AS PER DRAWING
—	WALL BRACKET FAN WITH 28" Ø HAVING 80W	AS PER DRAWING
○	CIRCULAR PENDANT LIGHT 600mmØ WITH 48WATT LED LAMP	FALSE CEILING
○	DOWN LIGHT TYPE EMERGENCY LIGHT FIXTURE	AS PER DRAWING
—	EXIT LIGHT FIXTURE	AS PER DRAWING
—	CEILING EXHAUST FAN	AS PER DRAWING
—	PULL BOX (CONDUITS UP, DOWN AND UP&DOWN)	AS PER DRAWING
SD / HD	SMOKE DETECTOR / HEAT DETECTOR	FALSE CEILING
BG	FIRE ALARM MANUAL STATION / BREAK GLASS	975mm
GB	FIRE ALARM GONG BELL	AS PER DRAWING
—	UNIVERSAL SWITCH SOCKET OUTLET UPS SUPPLY FOR WIFI	ABOVE FALSE CEILING
—	13A, 3 PIN INTERNATIONAL SOCKET OUTLET NORMAL SUPPLY	225mm / TECH. BOX
—	13A, 3 PIN INTERNATIONAL SOCKET OUTLET UPS SUPPLY	225mm / TECH. BOX
—	13A, DUPLEX FLAT PIN SWITCH SOCKET OUTLET UPS SUPPLY	225mm / FLOOR BOX
—	SIMPLEX TELEPHONE OUTLET	225mm / FLOOR BOX
—	SIMPLEX DATA OUTLET	225mm / TECH. BOX
—	DATA + TELEPHONE OUTLET	225mm / FLOOR BOX
H	HAND DRYER	1200mm
DB-NAME	WALL MOUNTED DISTRIBUTION BOARD	1050mm
—	CCTV CAMERA DOME TYPE CEILING MOUNTED	AS PER DRAWING
—	CCTV CAMERA WALL MOUNTED	AT WALL
—	PUSH BUTTON FOR LOCK RELEASE / BIOMETRIX READER	AS PER DRAWING
—	PASSIVE INFRARED REACTOR	2100mm
—	BRINKS SECURITY SYSTEM FLEX SWITCH; COMBINATION GLASS BREAK AND DOOR / WINDOW SENSOR	AS PER DRAWING
—	BRINKS SECURITY SYSTEM PANIC BUTTON	AS PER DRAWING
—	FOOT PANIC BUTTON	BELOW TABLE
—	KEY PAD LOCKED / CARD READER	AS PER DRAWING
—	POWER SUPPLY / MAGNETIC LOCK	AS PER DRAWING
—	WIRING CONCEALED IN CEILING SLAB	-
—	WIRING CONCEALED IN WALL	-
BFF	WIRING FOR BELOW FINISHED FLOOR	-
CCTV	WIRING FOR CCTV CAMERA'S	-
FA	WIRING FOR FIRE ALARM	-

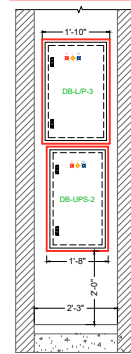


DISTRIBUTION PANEL CONSTRUCTION DETAILS

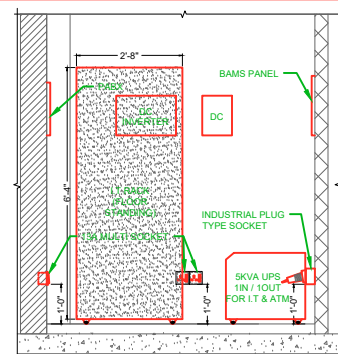
- THESE NOTES ARE TO BE READ IN CONJUNCTION WITH THE PANEL SCHEMATIC DRAWINGS AND SPECIFICATIONS.
- DBs/LT PANELS/MCCs SHALL BE FABRICATED FROM 16 SWG SHEET STEEL WITH WELDED, GRINDED AND FINISHED ANGLE-IRON FRAME- WORK. INGRESS PROTECTION CLASS TO BE IP-54.
- DBs/LT PANELS/MCCs SHALL BE ELECTRO-STATICALLY COATED WITH POWDER OF COLOUR RAL 7032 OR AS INTIMATED BY THE CONSULTANT AND THEN OVEN BAKED.
- DBs/LT PANELS/MCCs WITH ALL COMPONENTS AND ACCESSORIES SHALL BE SUITABLE FOR FRONT OPERATION ONLY & FLOOR MOUNTED PANEL CAN BE BACK SIDE ALSO.
- ALL DBs/LT PANELS/MCCs SHALL HAVE 20% EXTRA SPACE.
- EACH DB/LT PANEL/MCC TO HAVE SUFFICIENT SPACE ON NEUTRAL AND EARTH BARS, 'N' AND 'E' BARS TO HAVE PRE-DRILLED HOLES FOR CABLE CONNECTIONS.
- EACH DB/LT PANEL/MCC TO HAVE INSIDE POCKET WITH AS-BUILT DRAWING.
- EACH DB/LT PANEL/MCC TO BE TESTED AT MANUFACTURER'S WORKS FOR INSULATION AND FUNCTIONAL OPERATION OF ALL COMPONENTS AND DEVICES.
- SELECTION OF PROTECTIVE DEVICES SHALL BE CARRIED OUT GIVING CLOSE ATTENTION TO OVERALL POWER NETWORK TOPOLOGY AND DISCRIMINATION SCENARIOS.
- ALL INCOMING CIRCUIT BREAKERS TO BE OF ADJUSTABLE TYPE.
- CIRCUIT BREAKER CHARACTERISTICS TO BE AS FOLLOWS:
 - MCBs FOR LIGHTING CIRCUITS : TYPE 'B'
 - MCBs FOR OTHER SERVICES : TYPE 'C'
- EXCEPT WHERE NOTED OTHERWISE, ALL OUTGOING MCCBs TO HAVE Icu = 10kA.
- FLEXIBLE COPPER STRIP SHALL BE PROVIDED FOR EARTHING OF THE DOOR OF DB/LT PANEL/MCC.
- PANELS & DB SHOULD HAVE SAFETY PLATES SUPPORTED VIA HINGES.

GENERAL NOTES

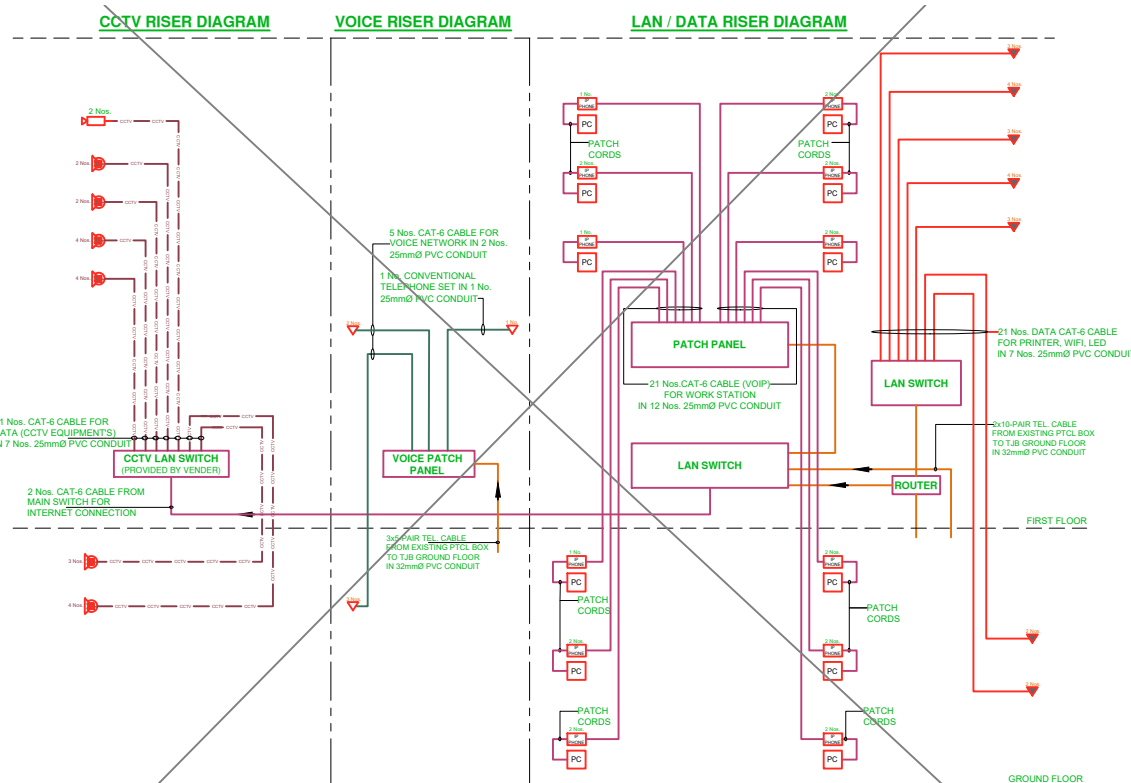
- THE MAKES QUALITY IN THE TENDER DRAWINGS/DOCUMENTS ARE FOR REFERENCE TO A PARTICULAR CLASS OF QUALITY OR PERFORMANCE REQUIREMENT. EQUIVALENT OR BETTER MAKES COULD ALSO BE OFFERED. APPROVAL OF EQUIVALENCE OF MAKES SHALL BE THE DESCRIPTION OF CONSULTANT/OWNER.
- ALL WIRING FOR LIGHTING AND POWER SHALL BE WITH SINGLE CORE PVC INSULATED CABLES LAID IN PVC CONDUITS OF 20mm OR BIGGER SIZE EXCEPT NOTED OTHERWISE.
- THE CONCEALED CONDUITS SHALL HAVE A MINIMUM COVERING OF 32 mm OF CONCRETE/TILES, ETC.
- INSPECTION BOX, PULL BOX, JUNCTION BOX, ETC. SHALL BE PROVIDED AS SHOWN IN THE DRAWING AND WHERE NECESSARY FOR EASY OF CABLE PULLING AND RE-CABLING.
- A CONDUIT MUST CONTAIN CIRCUITS OF EITHER ONLY ONE PHASE OR ALL THE PHASES.
- EACH CIRCUIT TO HAVE ITS INDEPENDENT NEUTRAL AND EARTH CONDUCTOR RUN FROM DB.
- DIFFERENT SYSTEMS WIRING TO BE RUN IN DIFFERENT CONDUITS.
- UNLESS NOTED OTHERWISE ALL BACK BOXES SHALL BE OF 16 SWG SHEET STEEL, POWDER COATED, WITH PROVISION FOR EARTH CONNECTION.
- FOR EXACT LOCATION OF LIGHTING FIXTURES REFER TO ARCHITECTURAL DRAWINGS.
- DO NOT SCALE THE DRAWINGS.
- THE ELECTRICAL RESISTANCE OF ECC TOGETHER WITH EARTH LEAD AND ELECTRODE SHOULD NOT EXCEED TEN OHM. IF IT EXCEEDS, THE CONTRACTOR SHALL OBTAIN INSTRUCTION FROM CONSULTANT FOR ANY CHANGES.
- WIRING FOR VOICE TO BE WITH CAT-6 CABLE IN 25mmØ PVC CONDUIT OR AS NOTED OTHERWISE.
- WIRING FOR DATA TO BE WITH CAT-6 CABLE IN 25mmØ PVC CONDUIT OR AS NOTED OTHERWISE.
- WIRING FOR CCTV TO BE WITH CAT-6 CABLE IN 25mmØ PVC CONDUIT OR AS NOTED OTHERWISE.
- SWITCH AND OUTLET FACE PLATES TO BE ALIGNED FOR BOTTOM EDGE.



ELEVATION-A
SCALE: N.T.S



ELEVATION-B
SCALE: N.T.S



CLIENT

HBL
69-C,National
Highway, PH.II

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NOTE:

02	Issue For Construction	10-Jul-25
01	Issue For Tender	30-May-24
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

ADDRESS

PLOT NO
69-C, National Highway, PH.II

TITLE

LIST OF DRAWINGS,
LEGEND, NOTES
& MISC. DETAIL

SCALE

N.T.S

DATE

Mar '25

DWG. NO.

E-00a

REV.

PROJECT NO.

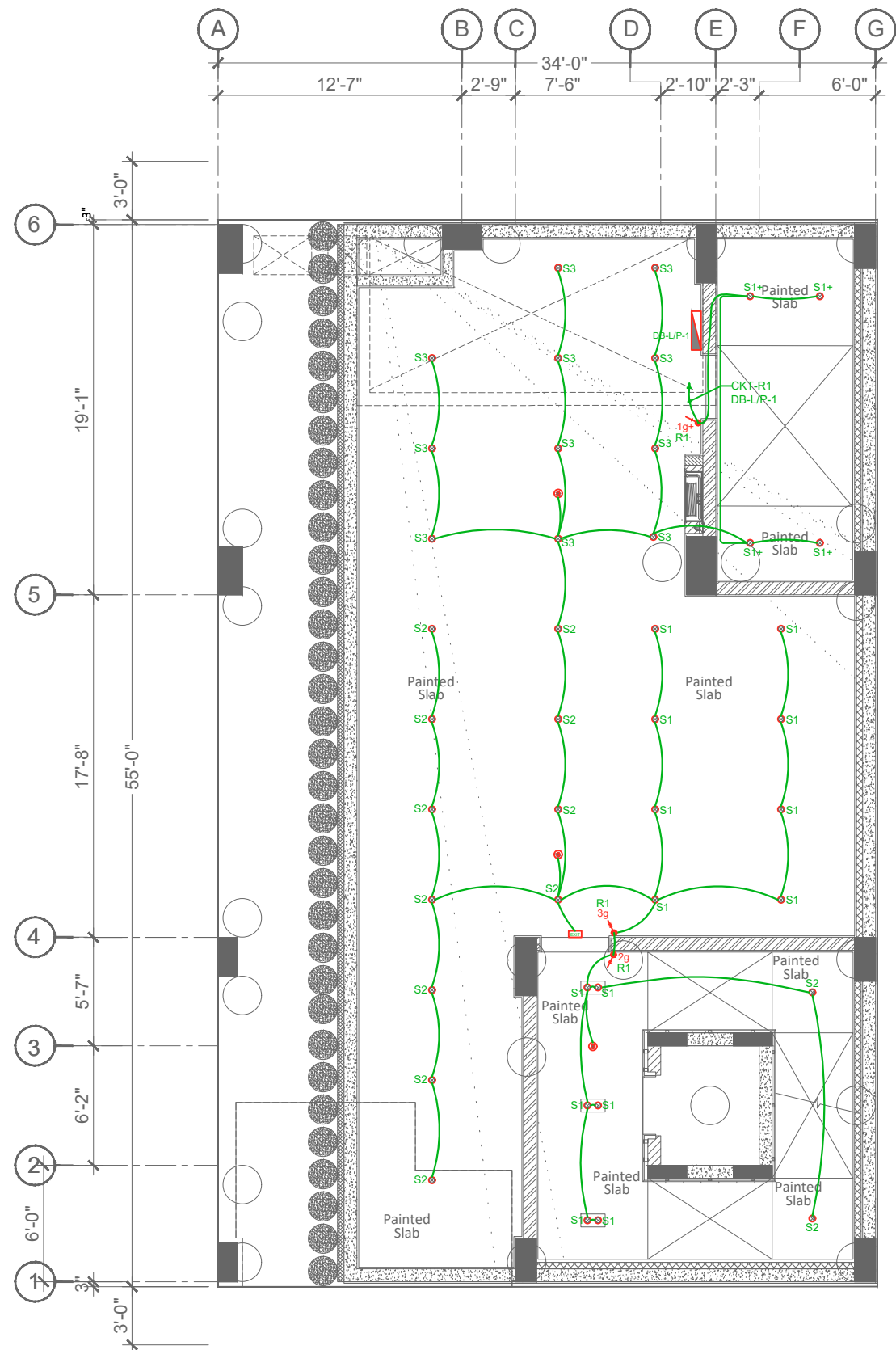
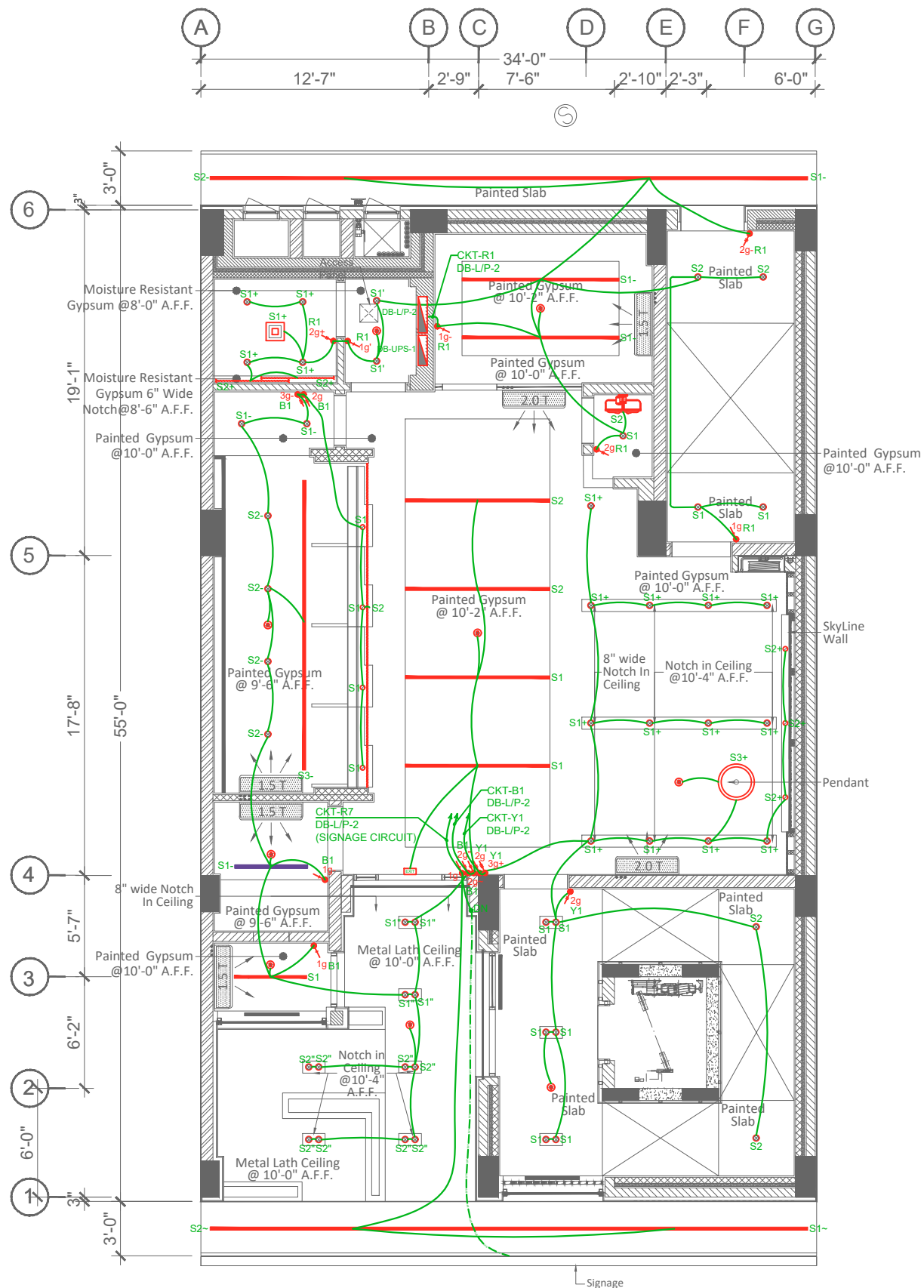
1361-CD-E-BK-HBL

LOAD CALCULATION FOR HBL 69-C BUILDING AT KORANGI ROAD NATIONAL HIGHWAY PH-II KH					
GROUND FLOOR LOAD					
S.No	ITEM	QUANTITY	UNIT LOAD (WATT)	TOTAL LOAD (KW)	DIVERSITY
1	Recessed LED Linear Light Fixture 4000K Color Having 40Watt for 10ft Length	2	297	0.59	0.9
a	31'-0" LED Linear Light	1	144	0.14	0.9
b	18'-0" LED Linear Light	2	77.4	0.15	0.9
c	8'-0" LED Linear Light	4	72	0.29	0.9
d	8'-0" LED Linear Light	1	36	0.04	0.9
e	4'-0" LED Linear Light	1	32	0.03	0.9
2	Lux Line Batten LED Light Fixture 32Watt 4000K, Color Mounted at Surface of Ceiling	2	20	0.04	0.7
3	High Lumen LED Strip Light having 4000K Color	1	48	0.05	0.9
4	1200mm Batten type LED light fixtures. Installed at pelmet having 4000K color	3	7	0.02	0.9
5	Circular Pendant Light 600mm with 40Watt LED Lamp	10	100	1.00	0.9
6	10 Watt 100mm LED Down Light	50	10	0.50	0.9
7	Down Light Type Emergency Light Fixture	8	5	0.04	0.9
8	Exit Light Fixture	1	5	0.01	0.9
9	Wall Mounted Bracket Fan	1	60	0.06	0.9
10	Cassett Type Ceiling Exhaust Fan	1	60	0.06	0.9
11	15A International Switch Sockets	18	150	1.80	0.9
12	15A International Switch Sockets (UPS)	18	150	2.70	0.9
13	5A Universal Switch Sockets For WiFi (UPS)	3	100	0.30	0.9
14	A/C 2.2 Ton Wall Mounted	2	1800	3.60	0.9
15	A/C 1.5 Ton Wall Mounted	4	1350	5.40	0.9
16	ATM / CDM	1	1500	1.50	1.0
GROUND FLOOR LOAD OF HBL 69C KORANGI ROAD NATIONAL HIGHWAY PH-II IN KW				15.84	
GROUND FLOOR MAXIMUM DEMAND LOAD OF HBL 69C KORANGI ROAD NATIONAL HIGHWAY PH-II IN KW				12.67	
BASEMENT FLOOR LOAD					
S.No	ITEM	QUANTITY	UNIT LOAD (WATT)	TOTAL LOAD (KW)	DIVERSITY
1	10 Watt 100mm LED Down Light	42	10	0.42	0.9
2	Down Light Type Emergency Light Fixture	3	5	0.02	0.9
3	Exit Light Fixture	1	5	0.01	0.9
4	15A International Switch Sockets	2	100	0.20	0.9
5	15A International Switch Sockets (UPS)	2	150	0.30	0.9
6	IT Rack Wall Mounted	1	950	0.95	1.0
BASEMENT FLOOR LOAD OF HBL 69C KORANGI ROAD NATIONAL HIGHWAY PH-II IN KW				1.89	
BASEMENT FLOOR MAXIMUM DEMAND LOAD OF HBL 69C KORANGI ROAD NATIONAL HIGHWAY PH-II IN KW				1.44	
FIRST FLOOR LOAD					
S.No	ITEM	QUANTITY	UNIT LOAD (WATT)	TOTAL LOAD (KW)	DIVERSITY
1	Recessed LED Linear Light Fixture 4000K Color Having 40Watt for 10ft Length	1	279	0.28	0.9
2	31'-0" LED Linear Light	2	90	0.18	0.9
3	Lux Line Batten LED Light Fixture 32Watt 4000K, Color Mounted at Surface of Ceiling	4	32	0.13	0.9
4	1200mm Batten type LED light fixtures. Installed at pelmet having 4000K color	4	20	0.08	0.7
5	Circular Pendant Light 600mm with 40Watt LED Lamp	5	48	0.24	0.9
6	Cassett Type Ceiling Exhaust Fan	3	60	0.18	0.9
7	10 Watt 100mm LED Down Light	68	10	0.68	0.9
8	Down Light Type Emergency Light Fixture	10	5	0.05	0.9
9	Exit Light Fixture	2	5	0.01	0.9
10	15A 3 Pin Switch Sockets	2	500	1.00	0.9
11	15A International Switch Sockets	10	100	1.00	0.9
12	15A International Switch Sockets (UPS)	14	150	2.10	0.9
13	5A Universal Switch Sockets For WiFi (UPS)	2	100	0.20	0.9
14	A/C 2.2 Ton Wall Mounted	5	1800	3.60	0.9
15	A/C 1.5 Ton Wall Mounted	1	1450	1.45	1.0
16	IT Rack Floor Standing	1	1450	1.45	1.0
FIRST FLOOR LOAD OF HBL 69C KORANGI ROAD NATIONAL HIGHWAY PH-II IN KW				12.90	
FIRST FLOOR MAXIMUM DEMAND LOAD OF HBL 69C KORANGI ROAD NATIONAL HIGHWAY PH-II IN KW				10.32	
SECOND FLOOR LOAD					
S.No	ITEM	QUANTITY	UNIT LOAD (WATT)	TOTAL LOAD (KW)	DIVERSITY
1	Recessed LED Linear Light Fixture 4000K Color Having 40Watt for 10ft Length	1	279	0.28	0.9
2	31'-0" LED Linear Light	3	158.4	0.48	0.9
3	12'-0" LED Linear Light	3	108	0.32	0.9
4	Lux Line Batten LED Light Fixture 32Watt 4000K, Color Mounted at Surface of Ceiling	4	72	0.29	0.9
5	1200mm Batten type LED light fixtures. Installed at pelmet having 4000K color	2	20	0.04	0.7
6	Lux Line Batten LED Light Fixture 32Watt 4000K, Color Mounted at Surface of Ceiling	3	32	0.10	0.9
7	10 Watt 100mm LED Down Light	19	10	0.19	0.9
8	Down Light Type Emergency Light Fixture	9	5	0.05	0.9
9	Exit Light Fixture	1	5	0.01	0.9
10	15A 3 Pin Switch Sockets	1	500	0.50	0.9
11	15A International Switch Sockets	18	150	1.80	0.9
12	15A International Switch Sockets (UPS)	18	150	2.70	0.9
13	5A Universal Switch Sockets For WiFi (UPS)	2	100	0.20	0.9
14	A/C 2.2 Ton Wall Mounted	1	1800	1.80	0.9
15	A/C 1.5 Ton Wall Mounted	4	1350	5.40	0.9
16	IT Rack Wall Mounted	1	950	0.95	1.0
SECOND FLOOR LOAD OF HBL 69C KORANGI ROAD NATIONAL HIGHWAY PH-II IN KW				13.77	
SECOND FLOOR MAXIMUM DEMAND LOAD OF HBL 69C KORANGI ROAD NATIONAL HIGHWAY PH-II IN KW				11.91	
ELEVATOR LOAD					
ELEVATOR LOAD				10.00	
THIRD FLOOR LOAD IN KW				15.00	
FOURTH FLOOR LOAD IN KW				15.00	
TOTAL MAXIMUM DEMAND LOAD OF HBL 69-C BUILDING KORANGI ROAD NATIONAL HIGHWAY PH-II IN KW				75.44	
RECOMMENDED METER IN KW				75.00	
REQUIRED RATING OF DG SET-1 IN KVA				40.00	
REQUIRED RATING OF DG SET-2 IN KVA				125.00	

UPS LOAD CALCULATION FOR HBL 69-C BUILDING AT KORANGI ROAD NATIONAL HIGHWAY PH-II					
UPS-1 FOR WORK STATION (GROUND & FIRST FLOOR)					
S.No	ITEM	QUANTITY	UNIT LOAD (WATT)	TOTAL LOAD (KW)	DIVERSITY
1	15A International Switch Sockets (UPS)	18	250	3.80	1.0
2	5A Universal Switch Sockets For WiFi (UPS)	5	100	0.50	1.0
TOTAL WORK STATION LOAD FOR UPS-1 IN KW				4.30	
RECOMMENDED RATING OF UPS-1 FOR WORK STATION OF HBL 69C KORANGI ROAD NATIONAL HIGHWAY PH-II (10N / 10UT) (KVA)				6.80	
UPS-2 FOR IT & ATM					
S.No	ITEM	QUANTITY	UNIT LOAD (WATT)	TOTAL LOAD (KW)	DIVERSITY
1	ATM / CDM	1	1500	1.50	1.0
2	IT Rack Floor Standing	1	1450	1.45	1.0
IT AND ATM LOAD FOR UPS-2 IN KW				2.95	
RECOMMENDED RATING OF UPS-2 FOR IT EQUIPMENT & ATM OF HBL 69C KORANGI ROAD NATIONAL HIGHWAY PH-II (10N / 10UT) (KVA)				5.80	
UPS-3 FOR WORK STATION (SECOND FLOOR)					
S.No	ITEM	QUANTITY	UNIT LOAD (WATT)	TOTAL LOAD (KW)	DIVERSITY
1	15A International Switch Sockets (UPS)	10	200	2.00	1.0
2	5A Universal Switch Sockets For WiFi (UPS)	2	100	0.20	1.0
3	IT Rack Wall Mounted	1	950	0.95	1.0
TOTAL WORK STATION LOAD FOR UPS-3 IN KW				3.15	
RECOMMENDED RATING OF UPS-3 FOR WORK STATION OF HBL 69C KORANGI ROAD NATIONAL HIGHWAY PH-II (10N / 10UT) (KVA)				6.80	

CLIENT		
HBL 69-C, National Highway, PH-II		
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS		
COLLABORATIVE DESIGN		
STRUCTURE CONSULTANT'S		
Engineer: ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL, KARACHI. TEL: 021-34988461-34988871, FAX: 34985907		
HVAC AND PLUMBING CONSULTANTS		
FAHIM, NANJJI & DESOUZA Consulting Engineers IVAC, Plumbing, Mechanical 10, ILACO House, Abdullah Haroon Road, Karachi-74400 Pakistan. Ph: (92-21) 563-7878-82 Fax: (92-21) 521-1634 Email: fahimnanjji@desouza.net.pk		
NOTE:		
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NO.	REVISION/ISSUE	DATE
CLIENT		
HABIB BANK LIMITED		
ADDRESS		
PLOT NO 69-C, National Highway, PH-II		
TITLE		
SINGLE LINE DIAGRAM AND LOAD CALCULATION SHEETS		
SCALE		DATE
N. T. S		Mar '25
DWG. NO.		REV.
E-00b		
PROJECT NO.		
1361-CD-E-BK-HBL		

SINGLE LINE DIAGRAM AND LOAD CALCULATION SHEETS



GROUND FLOOR PLAN

BASEMENT FLOOR PLAN

CLIENT

HBL
69-C, National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
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CLIENT

HABIB BANK LIMITED

ADDRESS

PLOT NO
69-C, National Highway, PH.II

TITLE

GENERAL AND EMERGENCY
LIGHTING LAYOUT

SCALE

1/8" = 1'-0"

DATE

Mar '25

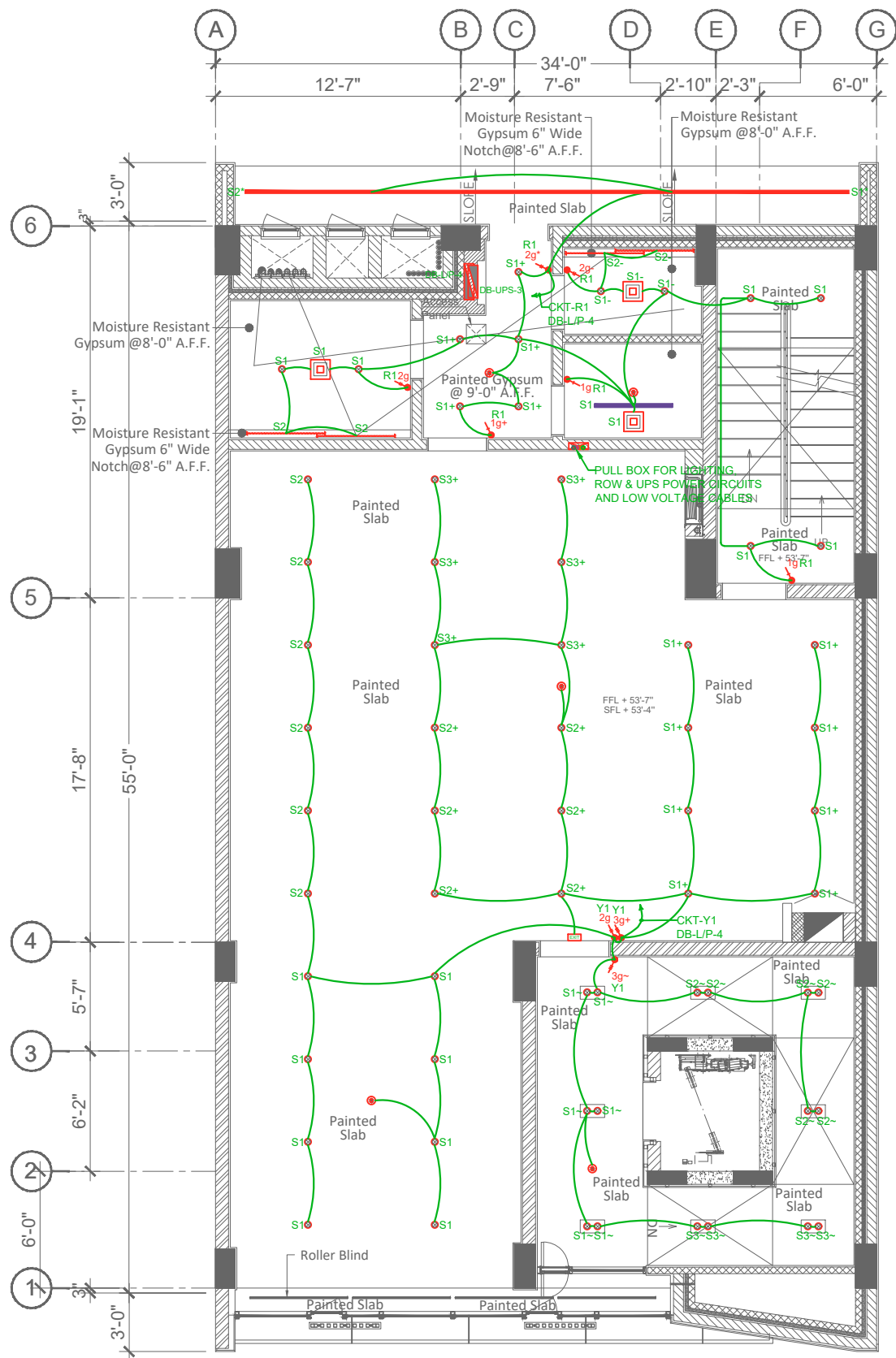
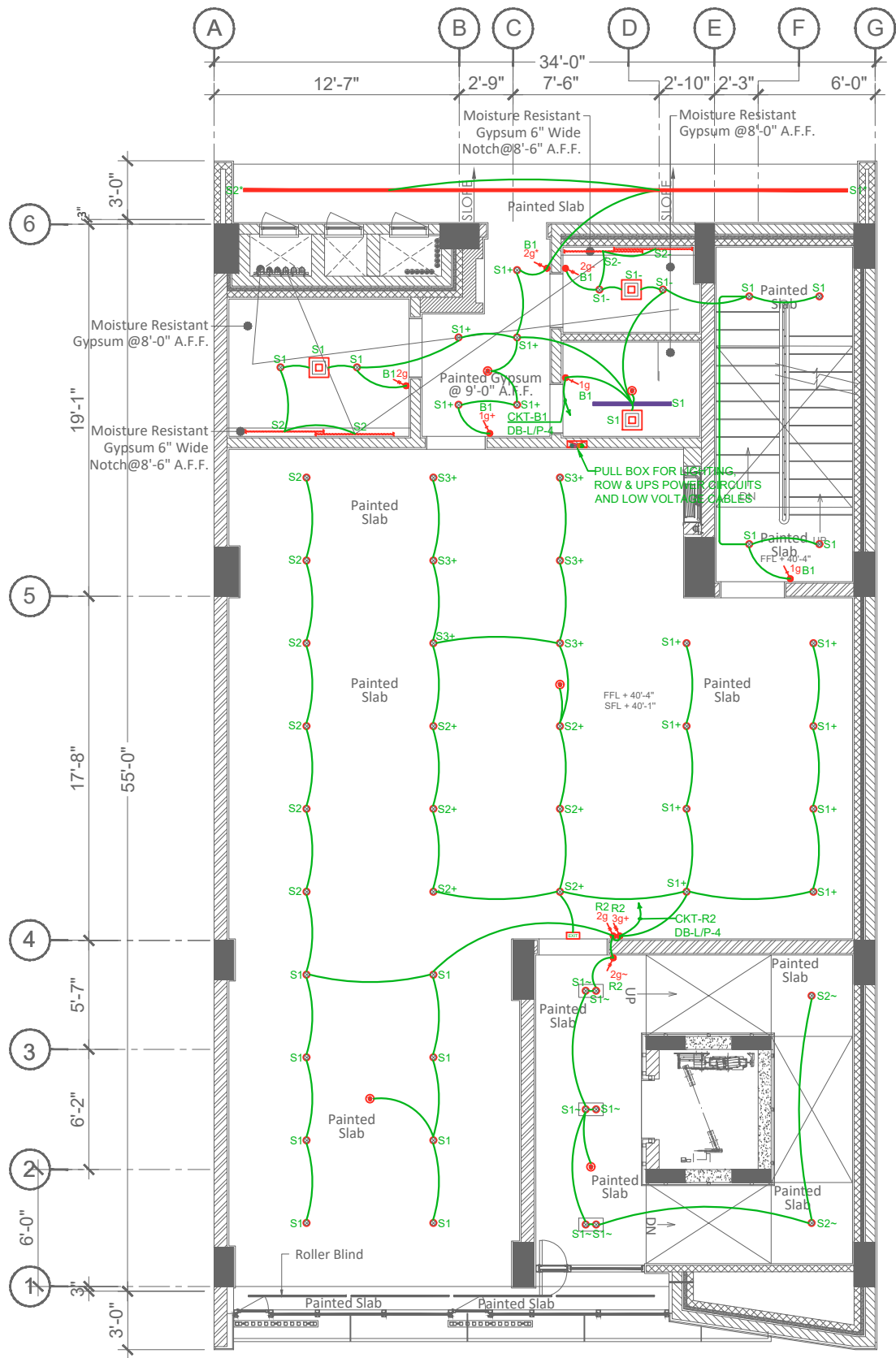
DWG. NO.

E-01a

REV.

PROJECT NO.

1361-CD-E-BK-HBL



CLIENT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



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TITLE
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LIGHTING LAYOUT

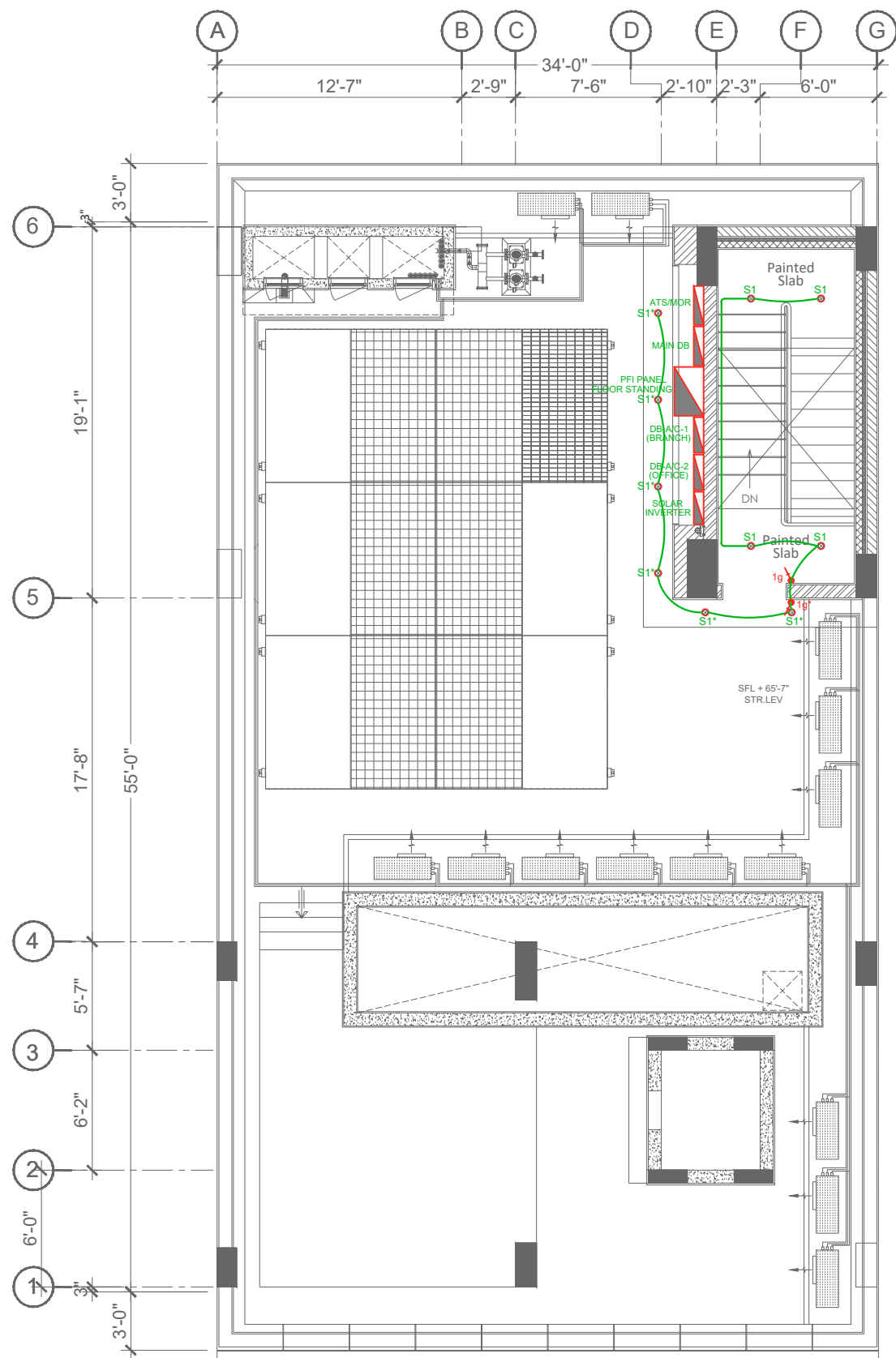
SCALE	DATE
1/8"= 1'-0"	Mar '25

DWG. NO.	REV.
E-01c	

PROJECT NO.	1361-CD-E-BK-HBL
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3RD FLOOR PLAN

4TH FLOOR PLAN



ROOF PLAN

CLIENT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
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CLIENT

HABIB BANK LIMITED

ADDRESS

PLOT NO
69-C, National Highway, PH.II

TITLE

GENERAL AND EMERGENCY
LIGHTING LAYOUT

SCALE

1/8"= 1'-0"

DATE

Mar '25

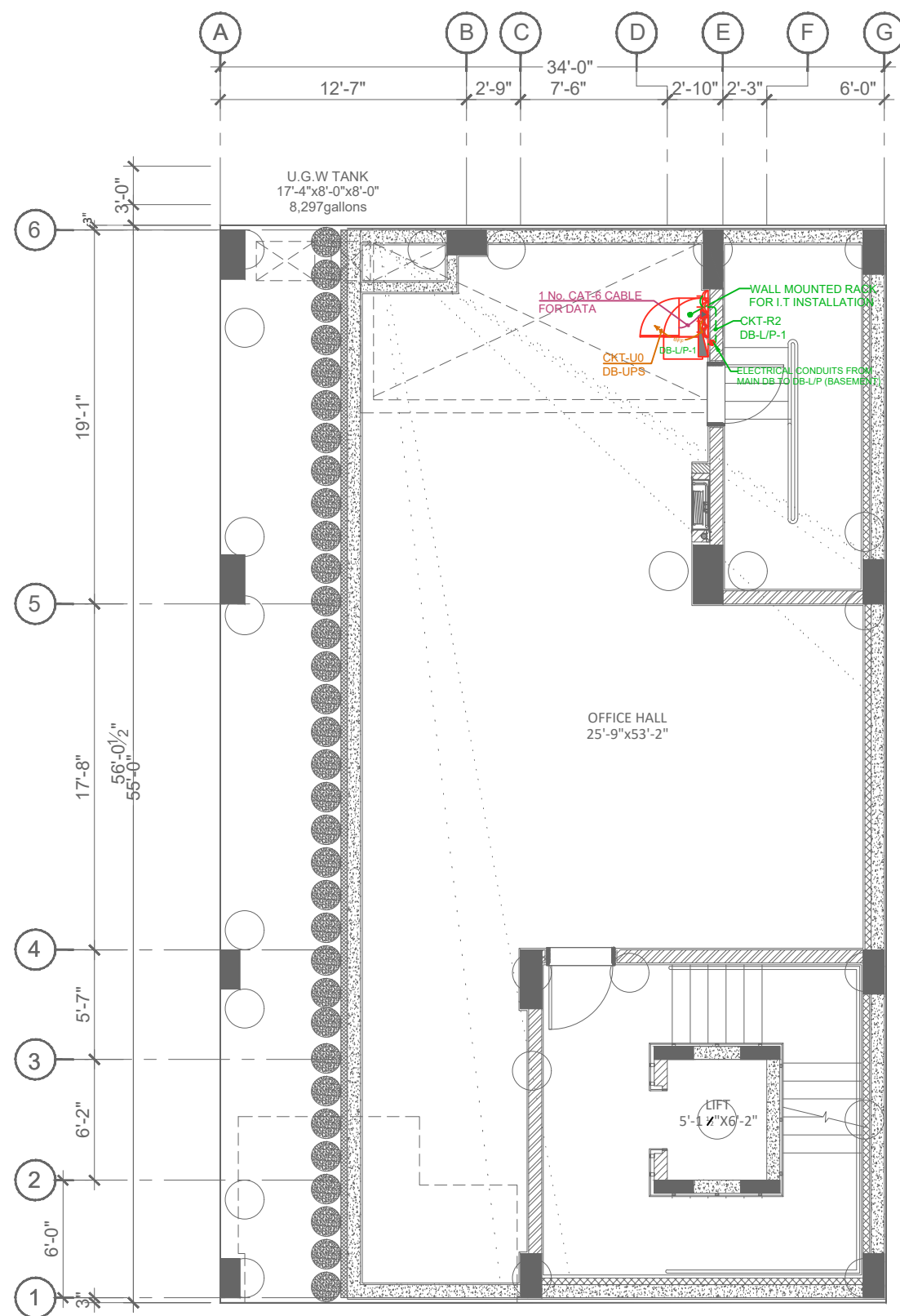
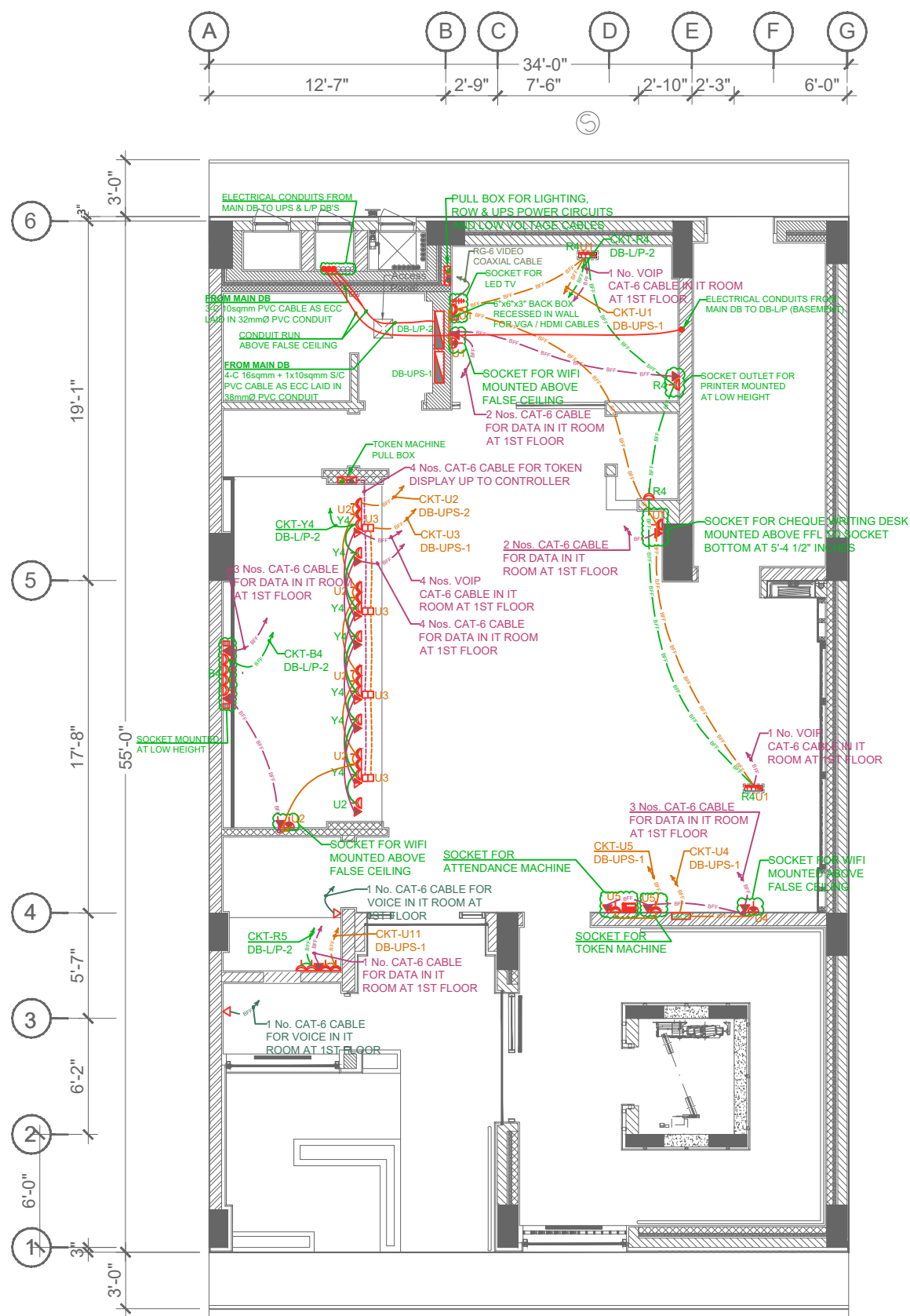
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E-01d

REV.

PROJECT NO.

1361-CD-E-BK-HBL



CLIENT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

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Email: fahimfd@cyber.net.pk

NOTE:

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<u>NO.</u>	<u>REVISION/ISSUE</u>	<u>DATE</u>

CLIENT

HABIB BANK LIMITED

ADDRESS

ADDRESS	PLOT NO
69-C, National Highway, PH.II	

TITLE

POWER AND LOW VOLTAGE LAYOUT

SCALE

$$1/8'' = 1'-0''$$

DATE

Mar '25

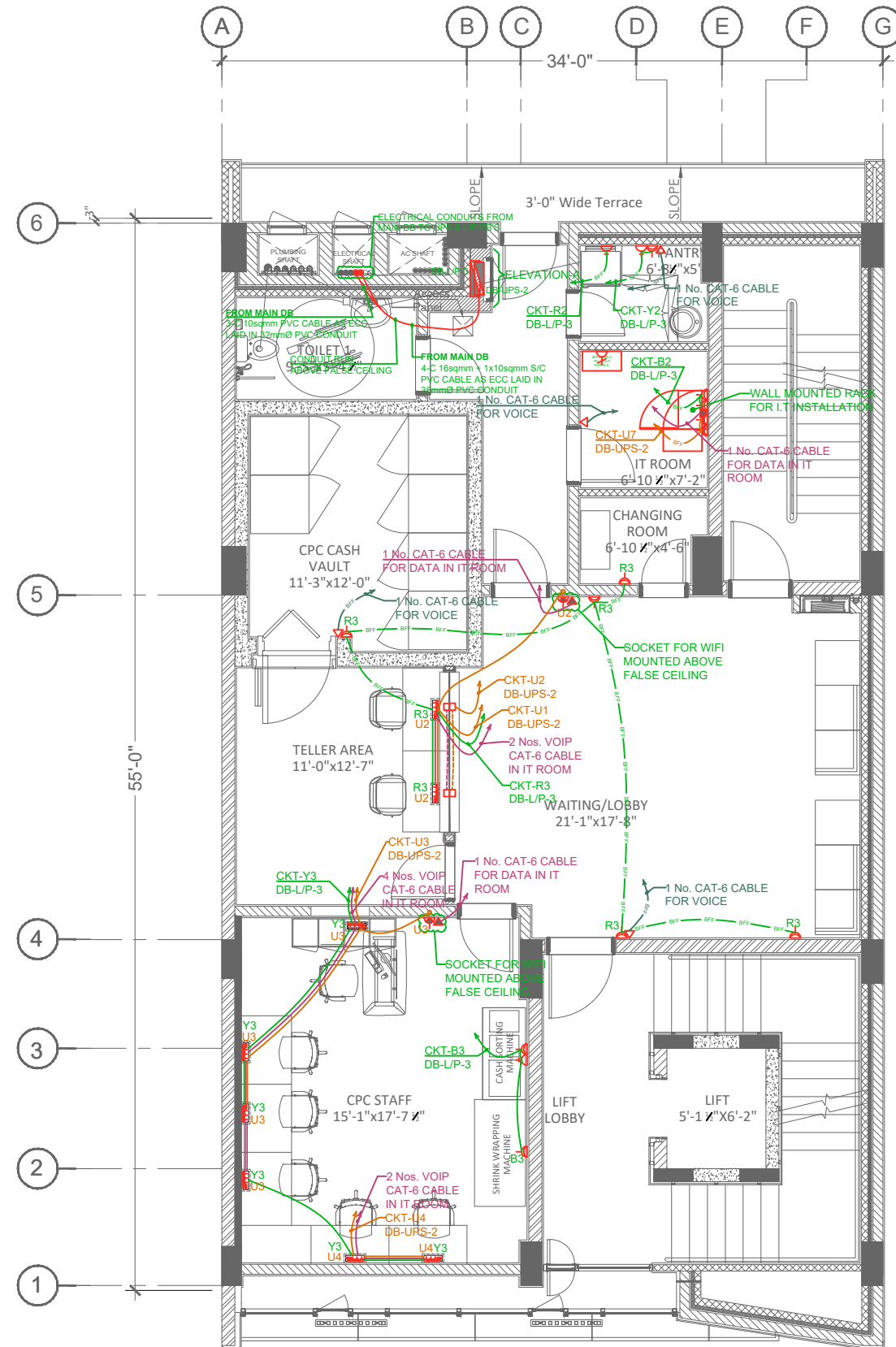
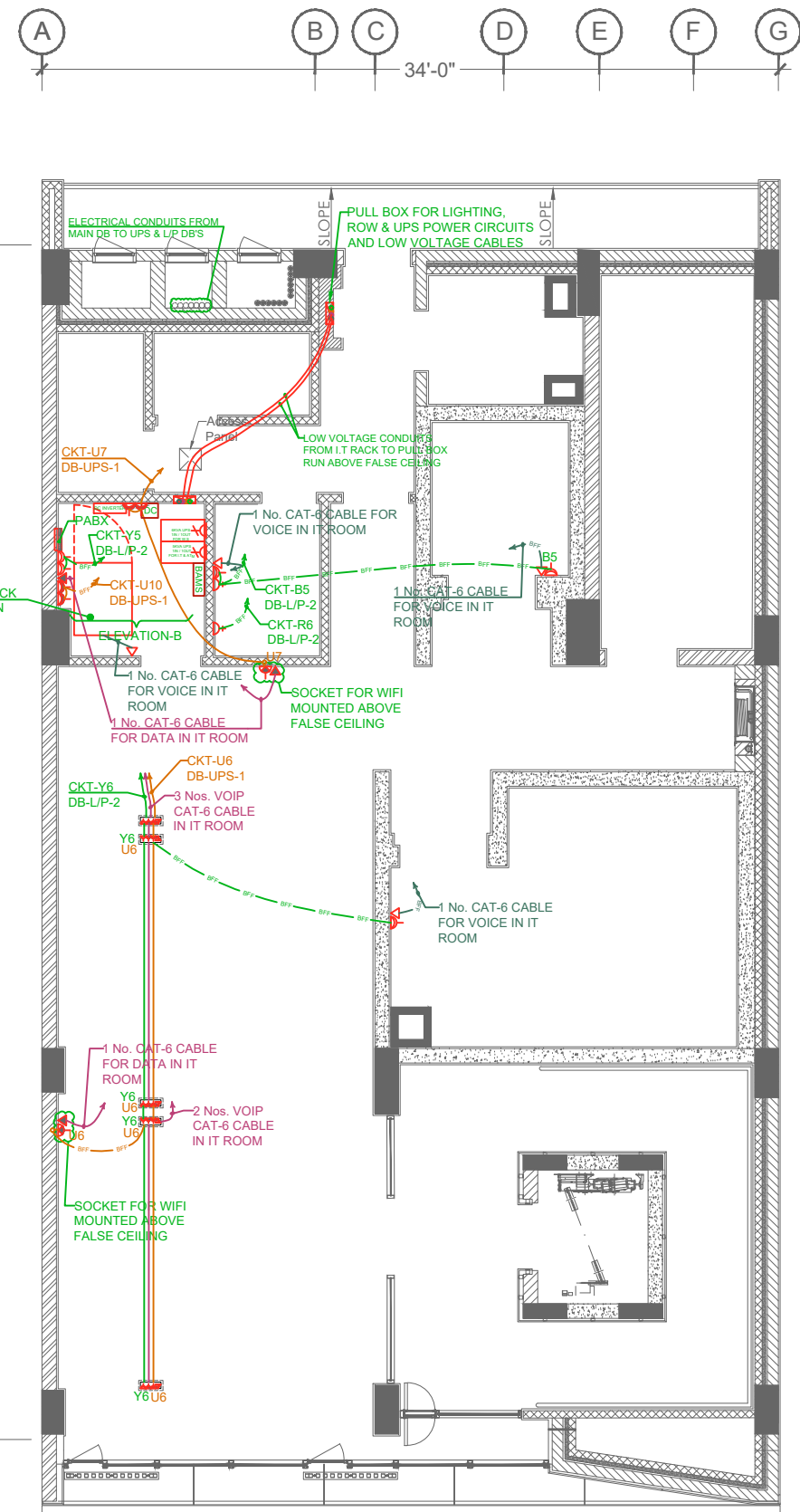
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E-02a

REV.

PROJECT NO.

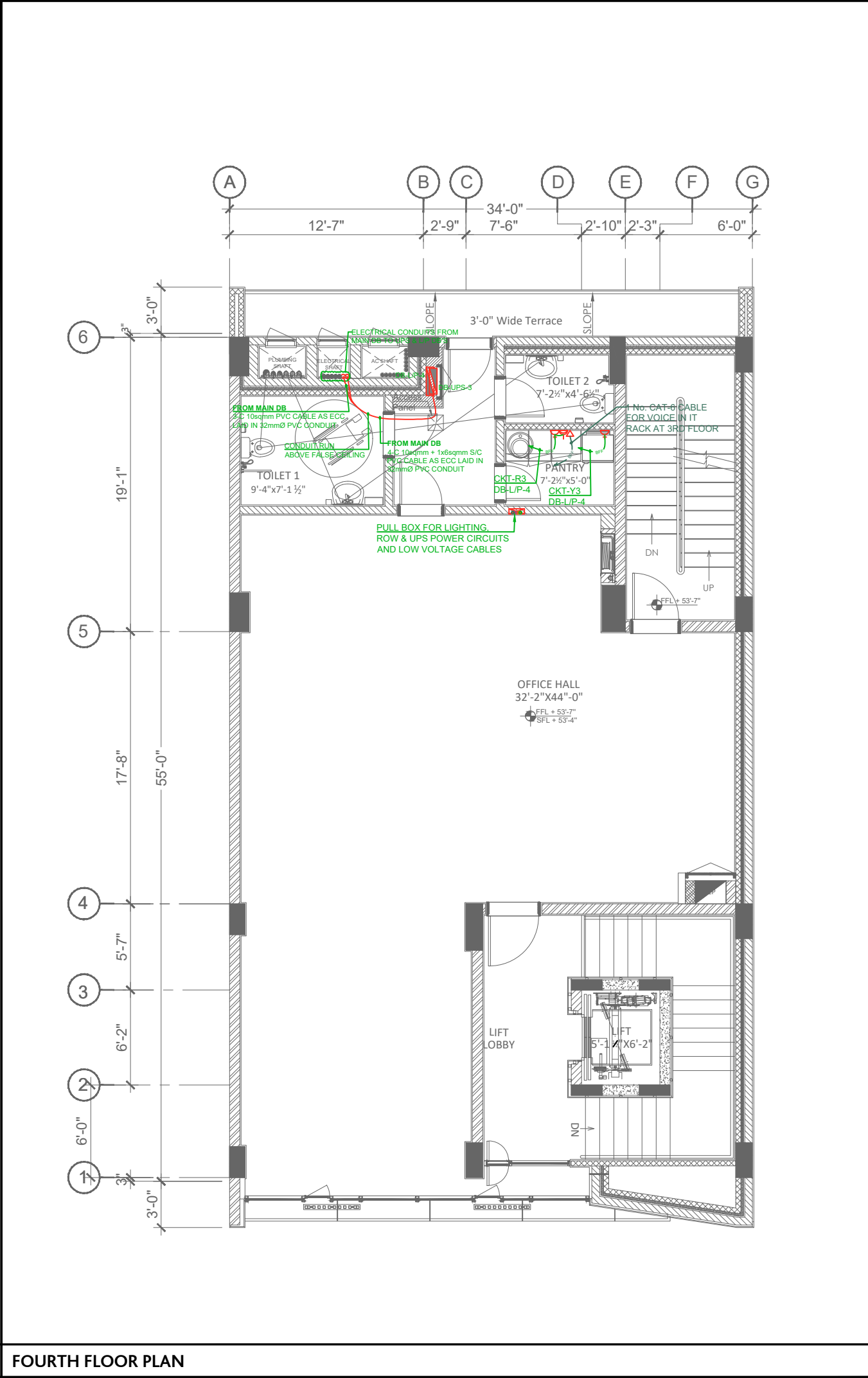
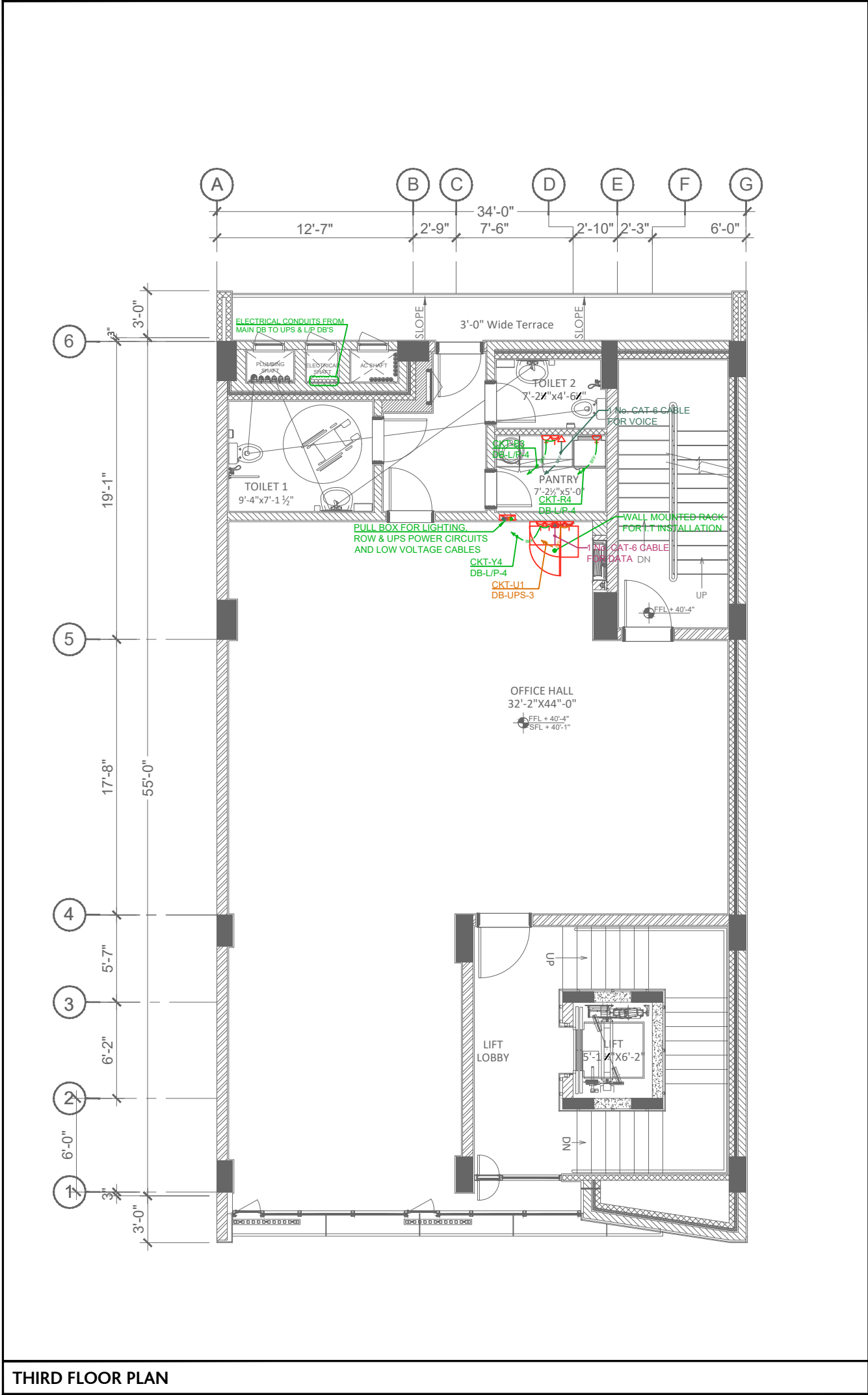
1361-CD-E-BK-HBL



1ST FLOOR PLAN

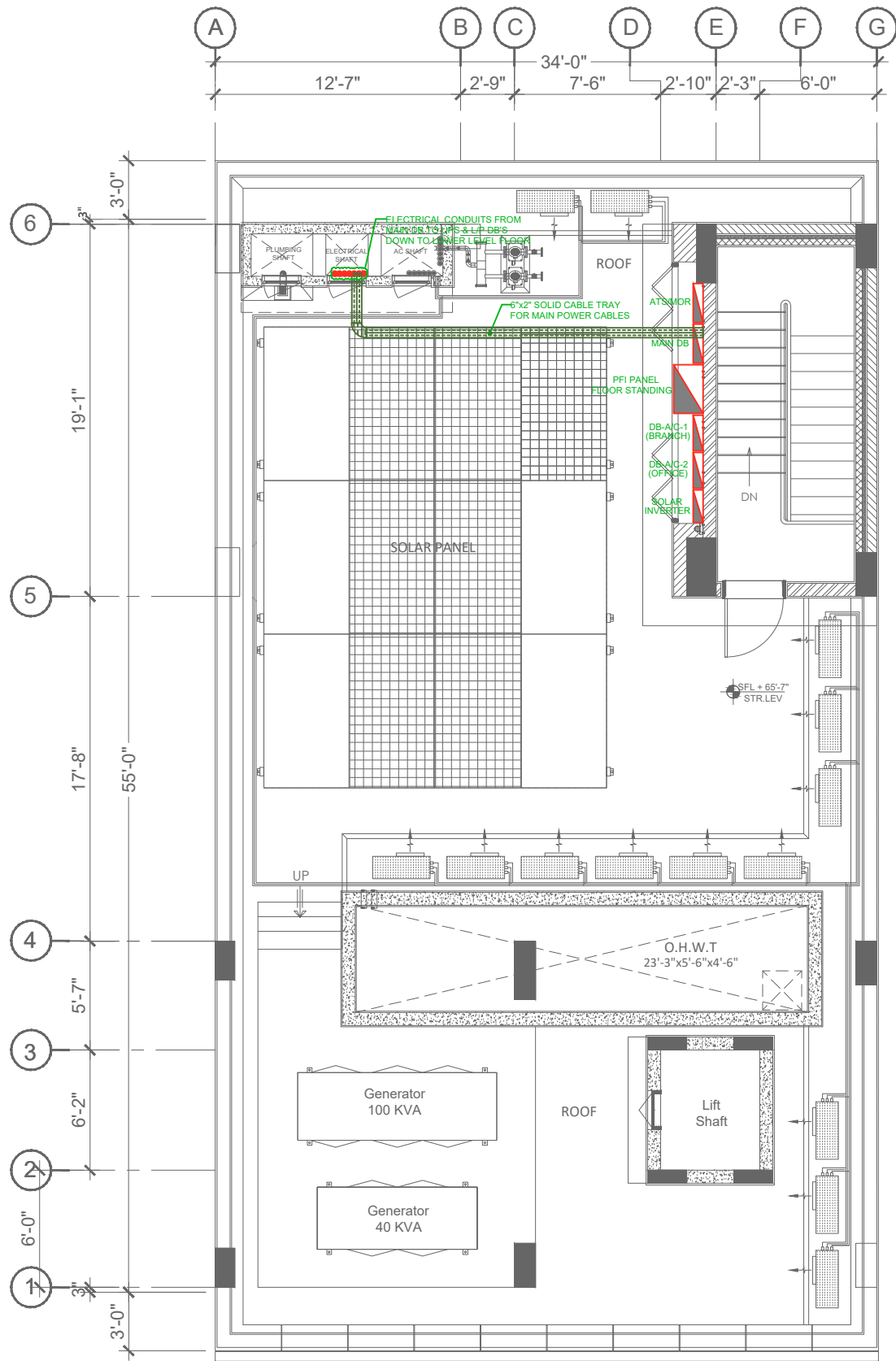
SECOND FLOOR PLAN

CLIENT		
HBL 69-C,National Highway, PH.II		
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS		
		
STRUCTURE CONSULTANT'S		
Engineer: ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI. TEL: 021-34988461-34980871, FAX:34985907		
HVAC AND PLUMBING CONSULTANTS		
 FAHIM, NANJI & DESOUSA Consulting Engineers HVAC, Plumbing, Mechanical 10, ILACO House, Abdullah Haroon Road, Karachi-74400 Pakistan Ph: (92-21) 563-7878-82 Fax: (92-21) 521-1634 Email: fahimnanjidesousa.net.pk		
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HABIB BANK LIMITED		
ADDRESS		
PLOT NO 69-C, National Highway, PH.II		
TITLE		
POWER AND LOW VOLTAGE LAYOUT		
SCALE		DATE
1/8"= 1'-0"		Mar '25
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E-02b		
PROJECT NO.		
1361-CD-E-BK-HBL		



CLIENT		
HBL 69-C,National Highway, PH.II		
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HABIB BANK LIMITED		
ADDRESS		
PLOT NO 69-C, National Highway, PH.II		
TITLE		
POWER AND LOW VOLTAGE LAYOUT		
SCALE		DATE
1/8"= 1'-0"		Mar '25
DWG. NO.		REV.
E-02c		
PROJECT NO.		
1361-CD-E-BK-HBL		

ROOF PLAN



CLIENT

HBL
69-C,National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
C-84, BLOCK-8, NEAR URDU COLLEGE,
GULSHAN - E - IQBAL, KARACHI.
TEL: 021-34988461-34980871, FAX:34985907

HVAC AND PLUMBING CONSULTANTS

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EXECUTION WORK

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01	Issue For Tender	30-May-24
NO.	REVISION/ISSUE	DATE

CLIENT

HABIB BANK LIMITED

ADDRESS
PLOT NO
69-C, National Highway, PH.II

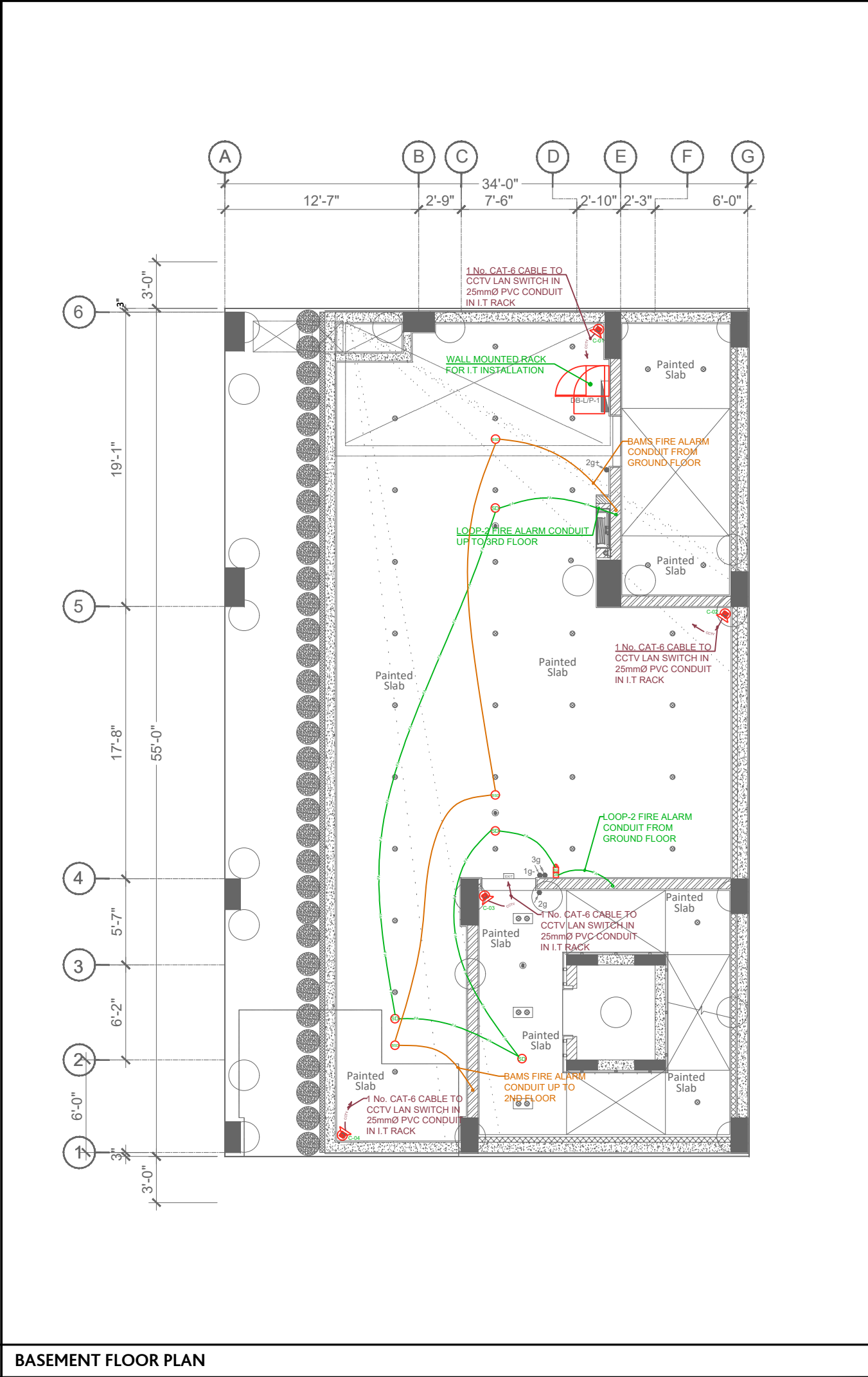
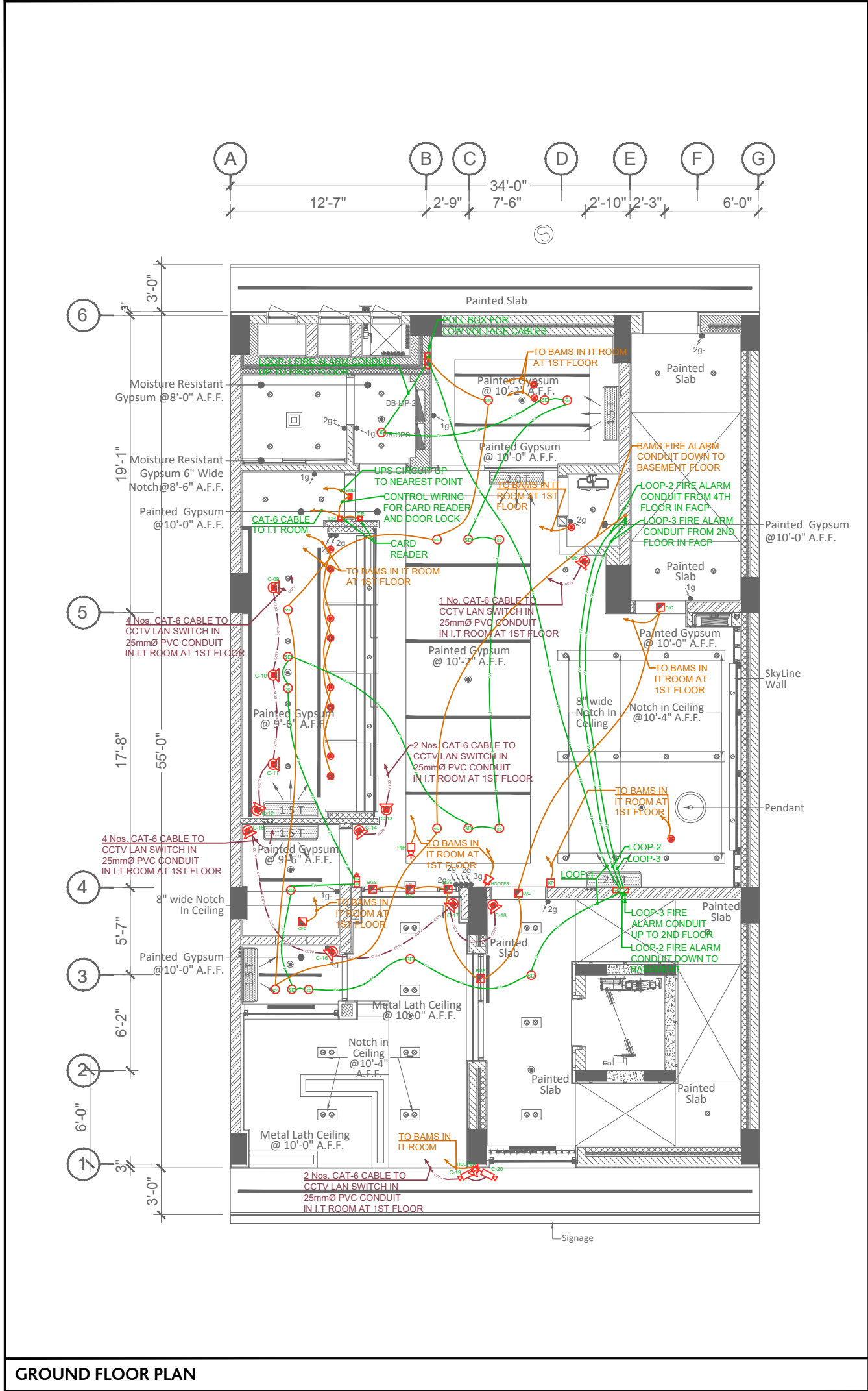
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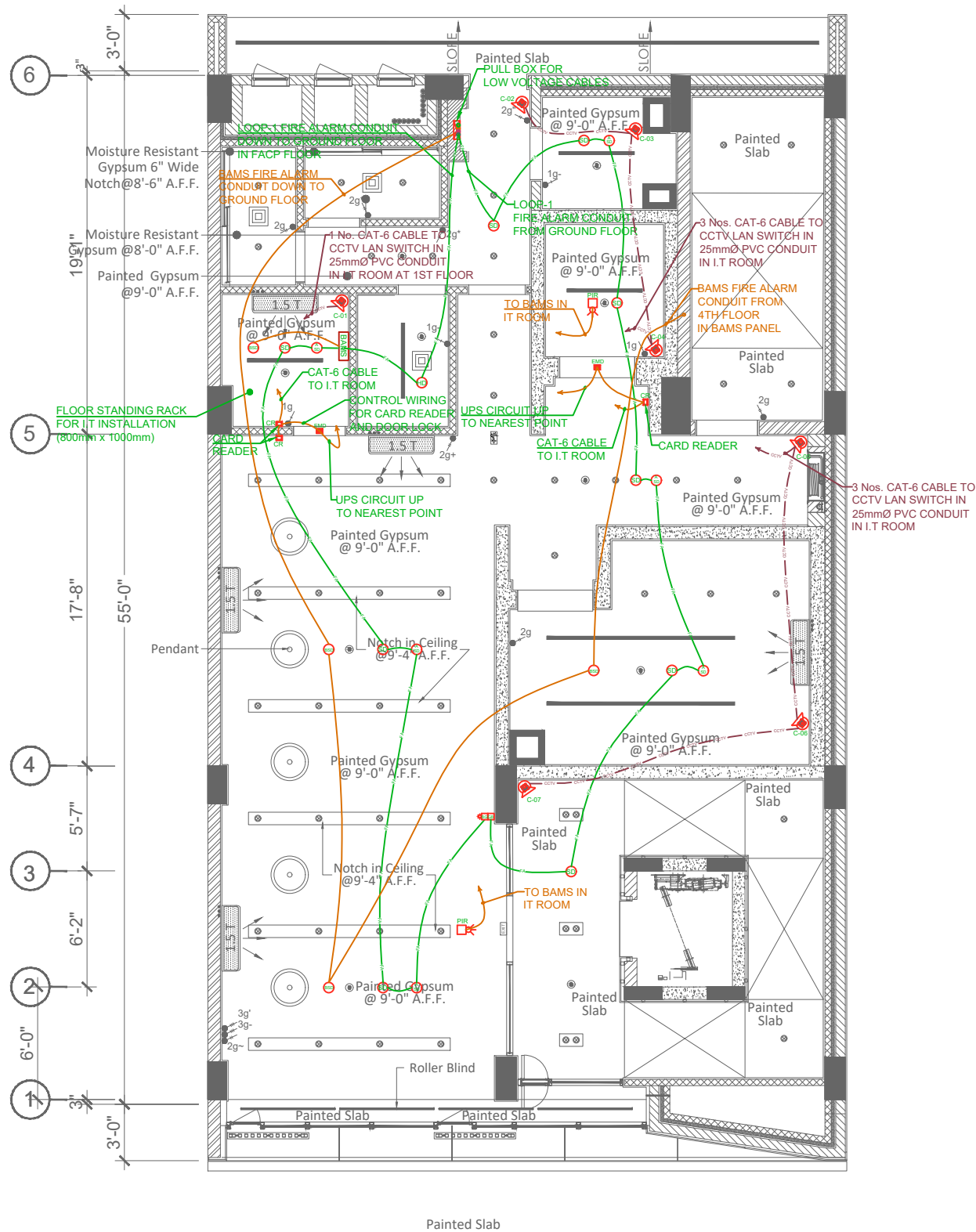
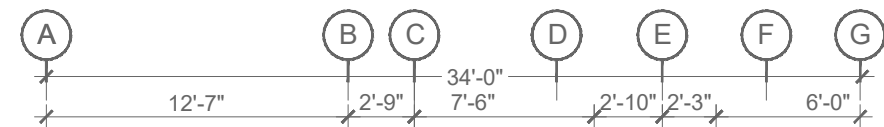
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1/8"= 1'-0"	Mar '25

DWG. NO.	REV.
E-02d	

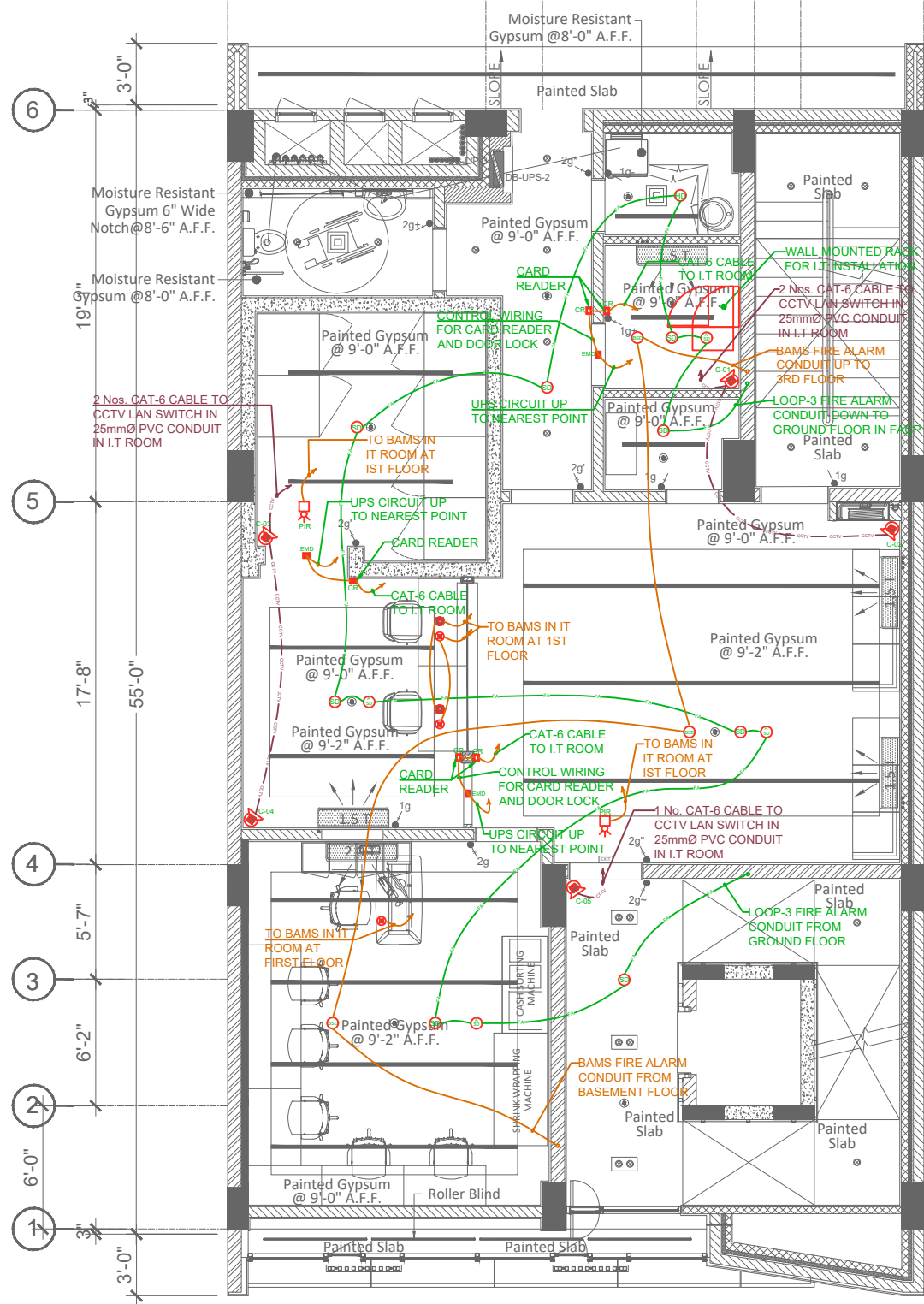
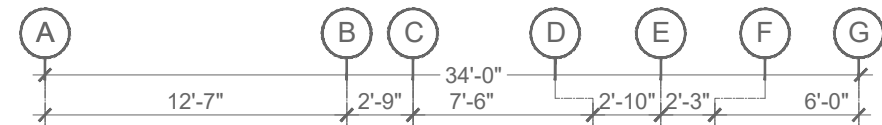
PROJECT NO.	1361-CD-E-BK-HBL
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CLIENT		
HBL 69-C,National Highway, PH.II		
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS		
STRUCTURE CONSULTANT'S		
Engineer: ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL KARACHI. TEL: 021-34988461-34980871, FAX:34985907		
HVAC AND PLUMBING CONSULTANTS		
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NOTE: * ALL DIMENSIONS ARE IN FEET (') AND INCHES (") * ALL ERROR EMISSION TO BE REPORTED TO THE ARCHITECT DURING EXECUTION WORK		
02	Issue For Construction	10-Jul-25
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HABIB BANK LIMITED		
ADDRESS		
PLOT NO 69-C, National Highway, PH.II		
TITLE		
SECURITY SYSTEM LAYOUT		
SCALE		DATE
1/8"= 1'-0"		Mar '25
DWG. NO.		REV.
E-03a		
PROJECT NO.		
1361-CD-E-BK-HBL		



1ST FLOOR PLAN



2ND FLOOR PLAN

CLIENT

HBL
69-C, National
Highway, PH.II

PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS



STRUCTURE CONSULTANT'S

Engineer: **ARIF & ASSOCIATES**
CONSULTANTS
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CLIENT

HABIB BANK LIMITED

ADDRESS

PLOT NO
69-C, National Highway, PH.II

TITLE

SECURITY SYSTEM
LAYOUT

SCALE

1/8" = 1'-0"

DATE

Mar '25

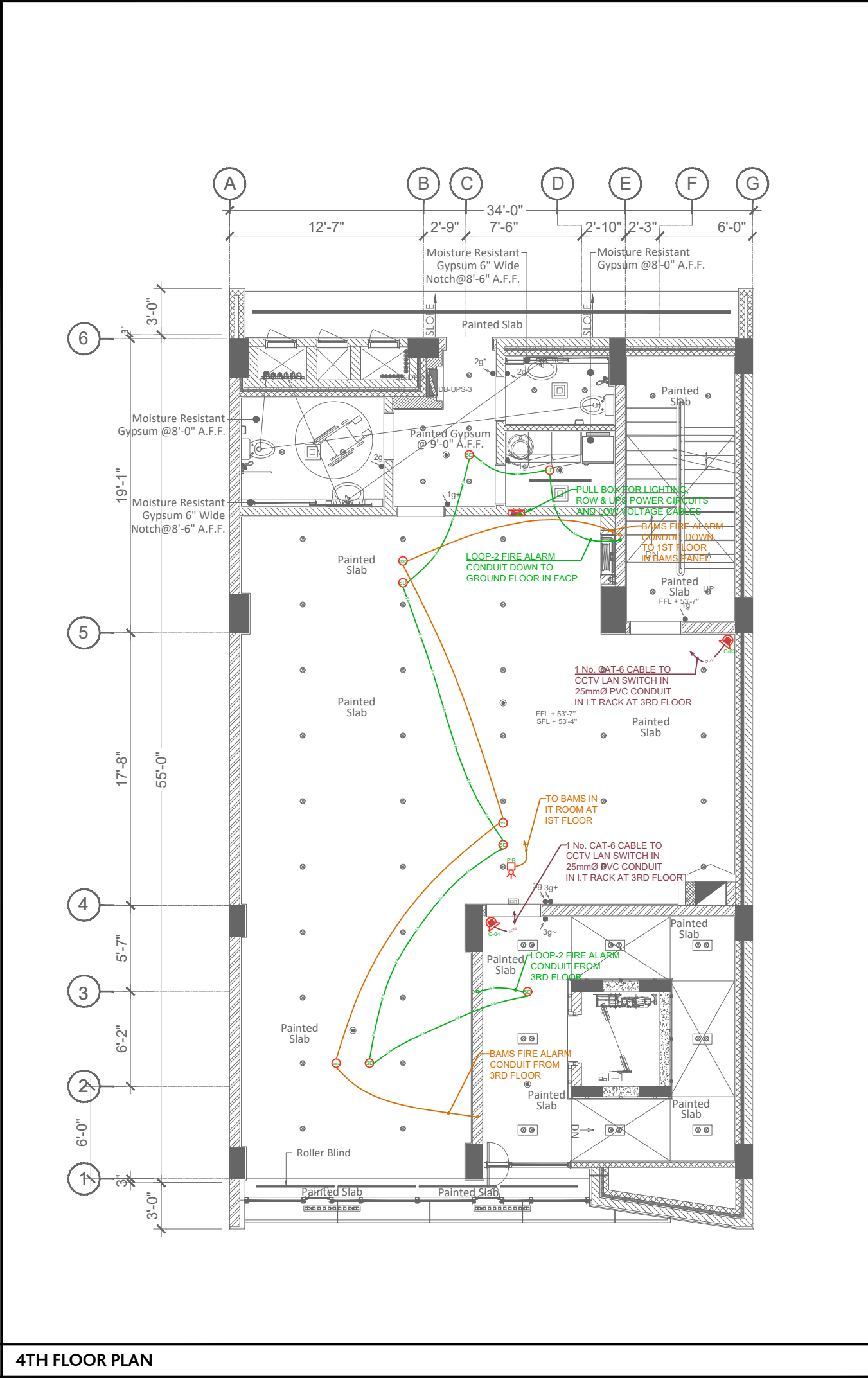
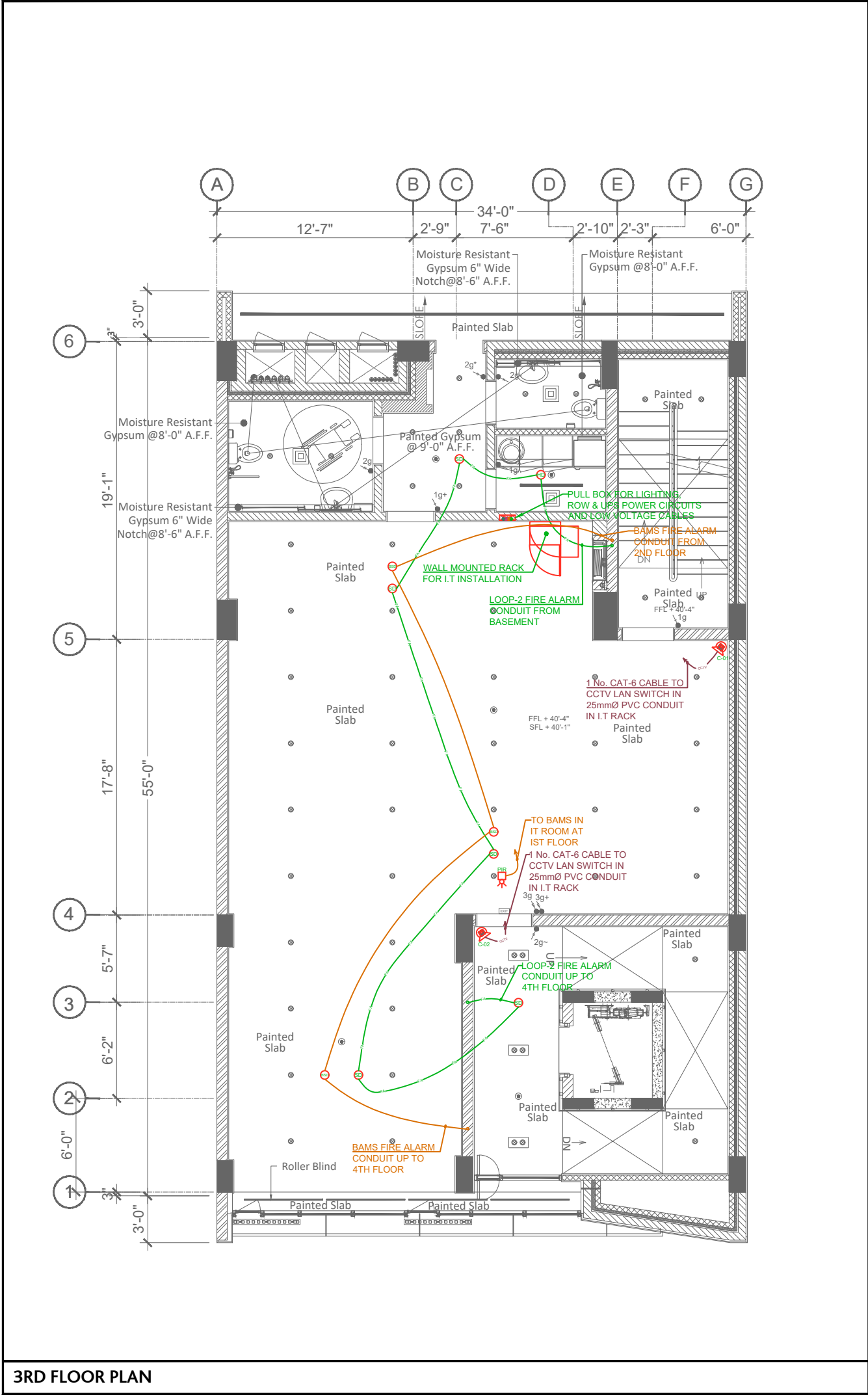
DWG. NO.

E-03b

REV.

PROJECT NO.

1361-CD-E-BK-HBL



CLIENT		
HBL 69-C,National Highway, PH.II		
PRINCIPAL ARCHITECTS AND ELECTRICAL CONSULTANTS		
STRUCTURE CONSULTANT'S		
Engineer: ARIF & ASSOCIATES CONSULTANTS C-84, BLOCK-8, NEAR URDU COLLEGE, GULSHAN - E - IQBAL, KARACHI. TEL: 021-34988461-34980871, FAX:34985907		
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E-03c		
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